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# Academic Graduate Program in Production Engineering at PUC-Rio

## PPGEP/PUC-Rio

### QUADRENNIUM 2021-2024

#### INTERNATIONALIZATION INDICATORS AND INSERTION (LOCATION, REGIONAL, NATIONAL) OF THE PROGRAM

(SUBITEMS 3.3.1 AND 3.3.2 OF THE EVALUATION FORM)

RIO DE JANEIRO, MARCH 2025

## Summary

PRESENTATION .....	4
3.3.1 INTERNATIONALIZATION.....	4
3.3.1 THE INTERNATIONALIZATION OF THE TEACHING STAFF .....	4
A) INTERNATIONAL AWARDS OR DISTINCTIONS.....	4
B) FELLOW OR MEMBER OF THE BOARD OF DIRECTORS OF THE INTERNATIONAL SCIENTIFIC SOCIETY .....	11
C) GUEST SPEAKER AT INTERNATIONAL EVENTS OF ACADEMIC EXCELLENCE.....	14
D) MEMBER OF THE EDITORIAL BOARD OF AN INTERNATIONAL INDEXED JOURNAL.....	16
E) MEMBER OF THE ORGANIZING COMMITTEE OF AN INTERNATIONAL SCIENTIFIC EVENT .....	21
F) MEMBER OF THE SCIENTIFIC COMMITTEE OF AN INTERNATIONAL SCIENTIFIC EVENT .....	22
G) ADVISING FOREIGN FUNDING AGENCIES .....	25
H) SUPERVISION/CO-SUPERVISION OF THESES AND DISSERTATIONS ABROAD .....	27
I) PARTICIPATION IN THESIS AND DISSERTATION BOARDS ABROAD .....	31
J) PARTICIPATION IN TEACHING COMPETITION BOARDS ABROAD .....	34
K) POSTDOCTORAL INTERNSHIP ABROAD .....	34
L) WORK MISSION ABROAD AFTER PHD .....	35
M) DISCIPLINES TAUGHT IN HEIS ABROAD .....	40
3.3.1 B) INTERNATIONALIZATION OF THE STUDENT BODY.....	43
A) ATTRACTION OF STUDENTS WITH UNDERGRADUATE DEGREES ABROAD.....	43
B) DOUBLE POSTGRADUATE DEGREE .....	45
C) MASTER'S OR SANDWICH DOCTORATE INTERNSHIPS ABROAD.....	45
D) INTERNATIONAL STUDENT AWARDS.....	47
3.3.1 C) INTERNATIONAL INSERTION AND INSTITUTIONAL ACTIONS OF THE PROGRAM AIMED AT INTERNATIONALIZATION .....	51
A) PARTICIPATION IN GRADUATE PROGRAMS IN INTERNATIONAL NETWORKS.....	51
B) PARTICIPATION IN RESEARCH PROJECTS IN COLLABORATION WITH INTERNATIONAL FUNDING .....	53
C) ATTRACTION OF FOREIGN RESEARCHERS FOR POSTDOCTORAL STUDIES .....	57
D) ATTRACTION OF RESEARCHERS AND VISITING FACULTY MEMBERS.....	57
E) PARTICIPATION OF FACULTY MEMBERS LINKED TO FOREIGN INSTITUTIONS IN THE DOCTORAL AND MASTERS.....	61
F) RECEIVE FOREIGN STUDENTS IN MASTER'S OR DOCTORATE SANDWICH .....	69
G) ESTABLISHMENT OF DOUBLE DEGREE AGREEMENTS .....	69
H) OFFERING COURSES AT PPGEF IN ENGLISH OR WITH INTERNATIONAL CERTIFICATION .....	70
I) WRITING DISSERTATIONS AND THESES IN ENGLISH .....	71

J) SUPPORT FOR STUDENT PARTICIPATION IN INTERNATIONAL CONGRESSES .....	71
K) ORGANIZATION OF INTERNATIONAL EVENTS BY THE PROGRAM .....	72
3.3.2 NATIONAL, REGIONAL, LOCATION INSERTION .....	73
A) COOPERATION PROJECT BETWEEN INSTITUTIONS FOR QUALIFICATION (PCI/MINTER).....	73
B) NUCLEATION OR SUPPORT FOR NEW BUSINESSES, TECHNOLOGICAL HUBS AND LOCATION PRODUCTION CHAINS .....	74
C) TRAINING OF HUMAN RESOURCES FOR LOCATION, REGIONAL AND NATIONAL OPERATIONS.....	74
D) ORGANIZATION OF NATIONAL SCIENTIFIC EVENTS .....	74
E) MEMBER OF THE ORGANIZING/SCIENTIFIC COMMITTEE OF A NATIONAL SCIENTIFIC EVENT .....	76
F) SUPPORT FOR PUBLIC ADMINISTRATION BODIES .....	78
G) FACULTY MEMBERS PARTICIPATING IN THE EDITORIAL CORPO OF NATIONAL SCIENTIFIC JOURNALS.....	79
H) GUEST SPEAKER AT NATIONAL EVENTS .....	81
I) MEMBERS OF BOARDS OF SCIENTIFIC ASSOCIATIONS .....	84
J) MEMBER OF ADVISORY COMMITTEES OF FUNDING AGENCIES.....	85
K) NATIONAL ACADEMIC DISTINCTIONS RECEIVED BY THE PROGRAM OR BY PERMANENT FACULTY. 86	
L) DISTINCTIONS, AWARDS AND OTHER ACADEMIC INDICATORS OF NATIONAL NOTORIETY OF STUDENTS AND GRADUATES.....	87
M) PUBLIC EXAMINATION BOARDS OR FOR FULL FACULTY MEMBER.....	97

## PRESENTATION

This document presents, in a consolidated and structured way, the information on the indicators of Internationalization and Location, regional and national Insertion of PPGE/PUC-Rio during the four-year period from 2021 to 2024, organized based on the types of action exemplified in the 2017-2020 Quadrennial Evaluation Report of the Engineering Area III of CAPES.

### 3.3.1 INTERNATIONALIZATION

The internationalization of PPGE/PUC-Rio has been consolidated as one of the strategic pillars of the program, reflected in the active participation of Faculty members and students in research projects with international collaboration and funding, in double degree initiatives, exchange of students and Faculty members with HEIs abroad, awards and recognitions from scientific societies and international journals, and in the direct involvement in committees, scientific and editorial societies and agencies of journals of global impact.

#### 3.3.1 THE INTERNATIONALIZATION OF THE TEACHING STAFF

The program's Faculty members have an outstanding international performance, evidenced by awards and distinctions granted by renowned institutions and scientific societies. Recent achievements include recognitions and awards from scientific societies such as the *Production and Operations Management Society (POMS)* and the Purchasing and Supply Education and Research Association, and from high-impact indexed journals such as the *Production Planning & Control Journal*, *Journal of Sensory Studies*, *Int. Journal of Production Economics*, and *Journal of Purchasing and Supply Management*. In addition, there is a significant formal presence of Faculty members in foreign research entities and institutions, whether in scientific societies such as IEEE, Production and Operations Management Society, Alexander von Humboldt, International Institute of Forecasters, INTI and *Global Manufacturing Research Group*. Faculty members also have an active participation in organizing and scientific committees of important international conferences in Production Engineering, as well as in the editorial board of indexed scientific journals of great international circulation and impact. Finally, in addition to frequently advising funding agencies abroad, they have also worked as Faculty members and researchers in several institutions in the Americas, Europe and Asia, where in addition to conducting research projects in collaboration with foreign Faculty members, they conduct work missions, master's and doctoral supervision and teach courses abroad.

#### A) INTERNATIONAL AWARDS OR DISTINCTIONS

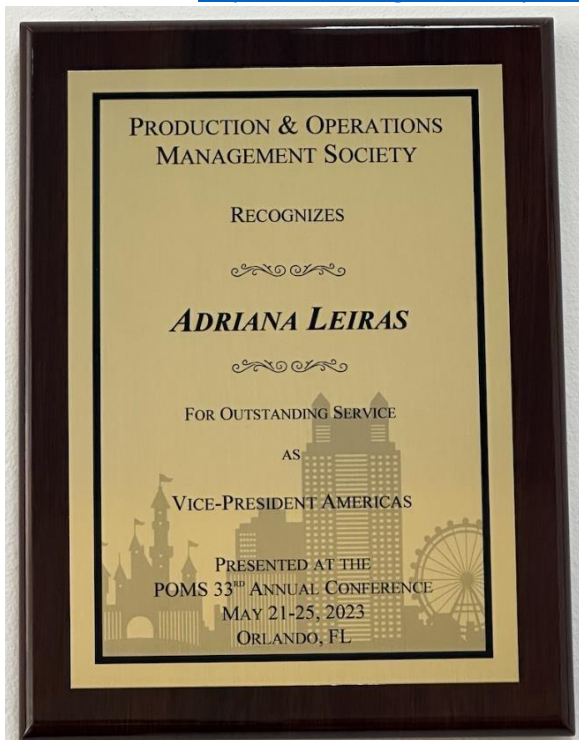
**Type of award:** FICO Xpress Best Paper Award

- **Faculty Members Involved:** A Street
- **Year:** 2023
- **Award Provider:** FICO Xpress Optimization Community
- **Additional information:** Award given to the article: Moreira, A., Pozo, D., Street, A., Sauma, E., Strbac, G. (2021). Climate-aware Generation and transmission expansion planning. *European Journal of Operational Research*.

- **Proof/Link:** <https://www.i2damo.de/en/xpress-best-paper-award>

**Type of award/distinction:** Outstanding Service Award as Vice-President Americas

- **Faculty Members Involved:** A Leiras
- **Year:** 2023
- **Institution that awarded the award:** Production and Operations Management Society (POMS).
- **Additional information:** POMS is one of the largest and most prestigious international scientific societies of Production Engineering (Operations Management theme) - <https://www.poms.org/>
- **Proof/Link:**
  - <https://www.instagram.com/p/Cs6al7npBbg/?igsh=bWcyd2R5bmVpdTUw>



**Type of award/distinction:** Most Cited Article Award

- **Faculty Members Involved:** AM Thome, LF Scavarda
- **Year:** 2022
- **Award Provider:** Production Planning & Control (*99th percentile journal in Scopus 2024 / Qualis A1*), Taylor & Francis Group
- **Additional Information:** Co-author of the most cited article for the period 2020, 2021 and 2022 – "Conducting systematic literature review in operations management" doi:10.1080/09537287.2015.1129464.
- **Proof/Link:**



**Type of award/distinction:** Outstanding services as Co-Chair of the 33rd IPSERA Conference (2024)

- **Faculty Members Involved:** AM Thome
- **Year:** 2024
- **Award-winning institution:** International Purchasing and Supply Education and Research Association (IPSERA)
- **Additional information:** recognition of the scientific society IPSERA for the work done by the Faculty member in the organization of the international scientific conference. This event is one of the most prestigious and rigorous Operations Management in the world.
- **Proof/Link:**



**Type of award/distinction:** Best paper, "Terpsichora: a tool to generate synthetic MP-Declare process models". International Workshop on Generative AI for Process Mining. International Conference on Process Mining (GenAI4M-ICPM2024)

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Institution that awarded the award:** GenAI4PM 2024
- **Additional information:** Co-author of the best full paper of the GenAI4PM 2024 event (Generative Artificial Intelligence for Process Mining), which is a pioneering workshop on the topic that is at the forefront of scientific research, placed at the International Conference on Process Mining

(ICPM), the main conference on the area of Process Mining. The work is associated with the research theme of student Juliana Coutinho, co-author of the article.

- **Proof/Link:** <http://lattes.cnpq.br/5068302552861597>

**Type of award/distinction:** Coordination of the winning team of the Universities for Goal 13 Competition & Award

- **Faculty Members Involved:** F Baião, P Macaira, F. Cyrino Oliveira. Coordination of the winning team of the Universities for Goal 13 Competition & Award.
- **Year:** 2024
- **Award-winning institution:** UN Sustainable Development Solutions Network (SDSN) and Siemens Gamesa
- **Additional information:** Coordination of the team that included 3 Faculty members and 2 master's students from PPGEP (one of them being the team leader, supervised by Prof. Paula Maçaira and Fernanda Baião), as well as Scientific Initiation students and collaborators from other departments of PUC-Rio
- **Proof/Link:**
  - <https://www.unsdsn.org/our-work/universities-for-goal-13-a-student-competition-for-climate-solutions-hosted-by-sdsn-and-siemens-energy/>
  - <https://www.unsdsn.org/news/sdsn-and-siemens-gamesa-announce-og2ow-recommissioning-oil-and-gas-platforms-to-offshore-wind-energy-as-the-winner-of-the-universities-for-goal-13-competition/>
  - <https://www.ctc.puc-rio.br/Project-coordenado-pela-engenharia-industrial-da-puc-rio-ganha-International-Award-of-the-United-Nations>

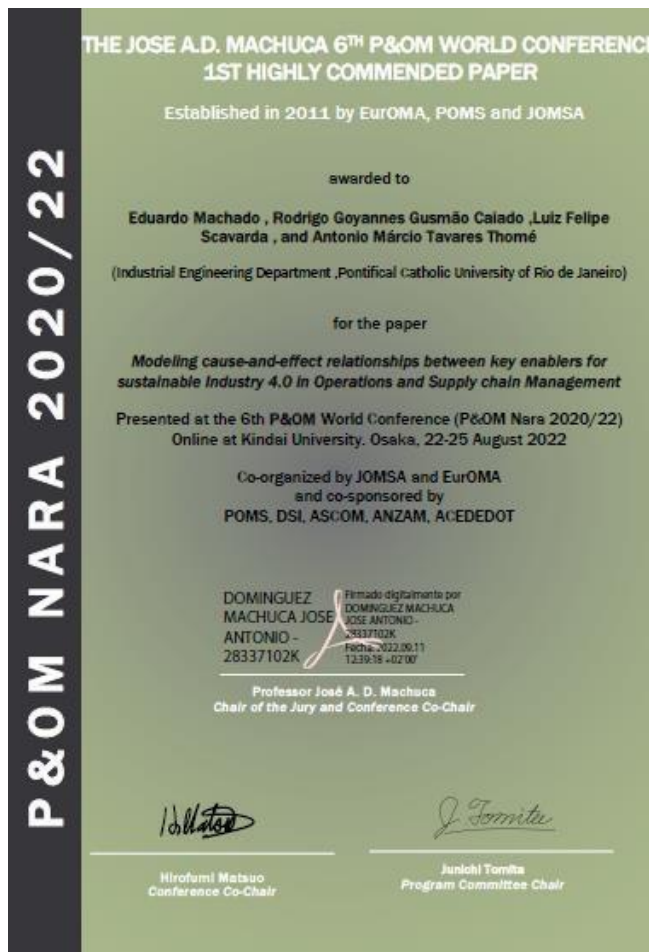
**Type of award/distinction:** Most Cited Article Award

- **Faculty Members Involved:** F Cyrino
- **Year:** 2021
- **Award Provider:** Journal of Sensory Studies (*57th percentile journal in Scopus 2024 / Qualis A2*), Wiley
- **Additional Information:** Co-author of the most cited article of the 2020 and 2021 period – "C Exploring social media data to understand consumers' perception of eggs: A multilingual study using Twitter" doi: 0.1111/joss.12607.
- **Proof/Link:**



**Type of award/distinction:** ADMachuca P&OM World Conference - First Highly Commended Paper

- **Faculty Members Involved:** R Caiado, LF Scavarda, AM Thome
- **Year:** 2022
- **Award Provider:** Production and Operations Management Society (POMS)
- **Additional Information:** Co-authors of the article that is part of Eduardo Machado's PhD research entitled "Modeling cause-and-effect relationships between key enablers for sustainable Industry 4.0 in Operations and Supply Chain Management" presented and published at The 6th World Conference on Production and Operations Management – P&OM 2022 (2020).
- **Proof/Link:**



**Type of award/distinction:** Top cited paper

- **Faculty Members Involved:** R Caiado, LF Scavarda
- **Year:** 2024
- **Award-winning institution:** International Journal of Production Economics (*journal with 99th percentile in Scopus 2024 / Qualis A1*), Elsevier
- **Additional Information:** Article: "A fuzzy rule-based industry 4.0 maturity model for OSCM". doi:10.1016/j.ijpe.2020.107883.
- **Proof/Link:**





**Type of award/distinction:** Outstanding services as Organizing Committee Member da 33rd IPSERA Conference (2024)

- **Faculty Members Involved:** LF Scavarda
- **Year:** 2024
- **Award-winning institution:** International Purchasing and Supply Education and Research Association (IPSERA)
- **Additional information:** recognition of the scientific society IPSERA for the work done by the Faculty member in the organization of the international scientific conference. This event is one of the most prestigious and rigorous Operations Management in the world.
- **Proof/Link:**



**Type of award/distinction:** Visiting International Faculty member (VIP)

- **Faculty Members Involved:** LF Scavarda
- **Year:** 2018-2027

- **Awarding institution:** University of Münster (Germany) / THE 188 Ranking
- **Additional information:** Title approved in 2018 and renewed in 2021 and 2024.
- **Proof/Link:** <https://www.wi.uni-muenster.de/de/institut/logistik/personen/luiz-felipe-scavarda-do-carmo>

**Type of award/distinction:** Highly valued Guest Editor

- **Faculty Members Involved:** LF Scavarda
- **Year:** 2024
- **Award-winning institution:** Journal of Purchasing and Supply Management (ISSN: 1873-6505), *Journal com percentil 88th no Scopus 2024 / Qualis A1*
- **Additional information:** Associated with the work of Guest Editor of the special edition of IPSERA 2024
- **Proof/Link:**



**Type of award/distinction:** Outstanding services as Organizing Committee Member da 33rd IPSERA Conference (2024)

- **Faculty Members Involved:** R Caiado
- **Year:** 2024
- **Award-winning institution:** International Purchasing and Supply Education and Research Association (IPSERA)
- **Additional information:** recognition of the scientific society IPSERA for the work done by the Faculty member in the organization of the international scientific conference. This event is one of the most prestigious and rigorous Operations Management in the world.
- **Proof/Link:**



## B) FELLOW OR MEMBER OF THE BOARD OF DIRECTORS OF THE INTERNATIONAL SCIENTIFIC SOCIETY

**Type of Participation:** Member of the Board of Directors/ Ex-Officio Advisor of POMS-LA Chapter

- **Faculty Members Involved:** A Leiras
- **Year:** 2023-2024
- **Sociedade Científica:** POMS - Production and Operations Management Society
- **Additional Information:** one of the largest international scientific societies of Production Engineering (in Operations Management) - <https://www.poms.org/>
- **Proof/Link:** [https://pomsold.precinctcentral.com/chapters/latin\\_america\\_caribbean\\_chapte/](https://pomsold.precinctcentral.com/chapters/latin_america_caribbean_chapte/)

**Type of Participation:** Board Member / Regional Vice-President Americas of POMS

- **Faculty Members Involved:** A Leiras
- **Year:** 2021-2024
- **Sociedade Científica:** POMS - Production and Operations Management Society
- **Additional Information:** one of the largest international scientific societies of Production Engineering (in Operations Management) - <https://www.poms.org/>
- **Proof/Link:** <https://www.instagram.com/p/Cs6al7npBbg/?igsh=bWcyd2R5bmVpdTUw>

**Type of Participation:** Board Member / President of POMS Caribbean & Latin American Chapter

- **Faculty Members Involved:** A Leiras
- **Year:** 2021
- **Sociedade Científica:** POMS - Production and Operations Management Society
- **Additional Information:** one of the largest international scientific societies of Production Engineering (Operations Management theme) - <https://www.poms.org/>
- **Proof/Link:** <http://lattes.cnpq.br/4328862635118427>

**Type of Participation:** Global President

- **Faculty Members Involved:** A M T Thomé
- **Year:** 2021-2023
- **Scientific Society:** GMRG - Global Manufacturing Research Group
- **Additional Information:** Regrouping 17 countries, coordinated by Arizona State University (ASU)
- **Proof/Link:** <https://gmr.org/office-holders/>

**Type of Participation:** Treasurer-Elect of the RJ & ES / Latin America section

- **Faculty Members Involved:** B Fanzeres Santos

- **Year:** 2022-2025
- **Scientific Society:** IEEE (Institute of Electrical and Electronics Engineers) - RJ Section
- **Additional Information:** one of the largest international scientific societies of Engineering. The RJ&ES section was established in 1956 and legally represents IEEE internationally in the region.
- **Proof / Link:** <https://www.ieee.org.br/rio-de-janeiro/a-secao/>

**Type of Participation:** Officer

- **Faculty Members Involved:** F Cyrino Oliveira
- **Year:** 2021-2024
- **Scientific Society:** International Institute of Forecasters (IIF)
- **Additional Information:** the world's largest and most prestigious scientific society in the area of Time Series and Forecasting.
- **Proof/Link:** <https://forecasters.org/about/board-of-directors/>

**Type of Participation:** Fellow of international scientific society / fellow of AvH

- **Faculty Members Involved:** LF Scavarda
- **Year:** Since 2015 (lifetime title)
- **Scientific Society:** Alexander von Humboldt Stiftung (Germany)
- **Additional Information:** One of the most prestigious foundations for the promotion of science in Europe
- **Proof / Link:** <https://www.humboldt-foundation.de/en/connect/explore-the-humboldt-network>

**Type of Participation:** Research Fellow

- **Faculty Members Involved:** LF Scavarda
- **Year:** 2023-2024
- **Scientific Society:** INTI International University (Malaysia)
- **Additional Information:** <https://newinti.edu.my/>
- **Proof / Link:**



18 July 2023

Our Ref: IIU/HR/JL/NHZ/13092/23

Prof. Dr. Luiz Felipe Scavarda

PRIVATE &amp; CONFIDENTIAL

Dear Prof. Dr. Luiz Felipe Scavarda,

**LETTER OF RESEARCH FELLOW INVITATION**

On behalf of INTI International University, we would like to extend this invitation to you as our Research Fellow from **01 August 2023 to 31 Dec 2025**. The aim of our research fellowship program is to enable researchers to pursue excellence in producing quality research outputs in their respective fields and to further enhance our research activities and standards.

As our Research Fellow, you can expect research funding for your projects in collaboration with our colleagues and financial support for research output disseminations and/or publications as well opportunities to supervise our postgraduate research activities. You will also be provided access to facilities of the University throughout your tenure.

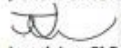
Besides, there will be a faculty host working with you as you engage in our university activities such as involvement in research cluster of your interest, participation and organization of research symposium and academic conferences, provision of research consultancy services, development and review of academic or research programs, delivery of guest lectures, and etc.

We believe that you will have a productive and rewarding experience with us and that our university community will gain from the fellowship.


We look forward to welcoming you to INTI International University soon.

Yours sincerely,

(For and on behalf of INTI INTERNATIONAL UNIVERSITY)

  
**Joseph Lee, PhD**  
 Vice - Chancellor
**ACKNOWLEDGEMENT RECEIPT**I, \_\_\_\_\_ NRIC /Passport no. : **FN490391**

have read and understood the contents of this letter and hereby acknowledge receipt of this notification.

  
 Signature

 Luiz Felipe Scavarda  
 Professor and Dean  
 Faculty of Business  
 Administration  
 INTI International University  
 Subang
**18 / 08 / 2023**

Date


 INTI International Education Sdn. Bhd. (594010471000000000)  
 Persiaran Perdana BBN, Putra Nilai, 71800 Nilai, Negeri Sembilan, Malaysia. T +606. 796 2000 F +606. 799 7533

INTI International University INTI International College Subang INTI International College Penang INTI College Sabah

**Type of Participation: Community Secretary**

- **Faculty Members Involved:** P Macaira
- **Year:** 2023-2024
- **Scientific Society:** International Institute of Forecasters – Section on Water, Energy, and Environment Forecasting (IIF/SWEET)
- **Additional Information:** the world's largest and most prestigious scientific society in the area of Time Series and Forecasting.
- **Proof/Link:** <https://forecasters.org/programs/communities/sweet/>

**Type of Participation: Research Fellow**

- **Faculty Members Involved:** R Caiado
- **Year:** 2023-2024
- **Scientific Society:** INTI International University (Malaysia)
- **Additional Information:** <https://newinti.edu.my/>
- **Proof / Link:**



18 July 2023

Our Ref: IIU/HR/JL/NHZ/13093/23

Adj. Prof. Dr. Rodrigo Goyannes Gusmão Caiado

PRIVATE &amp; CONFIDENTIAL

Dear Adj. Prof. Dr. Rodrigo Goyannes Gusmão Caiado,

**LETTER OF RESEARCH FELLOW INVITATION**

On behalf of INTI International University, we would like to extend this invitation to you as our Research Fellow from 01 August 2023 to 31 Dec 2025. The aim of our research fellowship program is to enable researchers to pursue excellence in producing quality research outputs in their respective fields and to further enhance our research activities and standards.

As our Research Fellow, you can expect research funding for your projects in collaboration with our colleagues and financial support for research output disseminations and/or publications as well opportunities to supervise our postgraduate research activities. You will also be provided access to facilities of the University throughout your tenure.

Besides, there will be a faculty host working with you as you engage in our university activities such as involvement in research cluster of your interest, participation and organization of research symposium and academic conferences, provision of research consultancy services, development and review of academic or research programs, delivery of guest lectures, and etc.

We believe that you will have a productive and rewarding experience with us and that our university community will gain from the fellowship.

We look forward to welcoming you to INTI International University soon.

Yours sincerely,  
(For and on behalf of INTI INTERNATIONAL UNIVERSITY)

Joseph Lee, PhD  
Vice - Chancellor

**ACKNOWLEDGEMENT RECEIPT**

I, \_\_\_\_\_ NRIC/Passport no. : \_\_\_\_\_  
have read and understood the contents of this letter and hereby acknowledge receipt of this notification.

Signature

Date



INTI International Education Sdn. Bhd. 150401043150 (378839-A)  
Persiaran Perdana BBN, Putra Nilai, 71800 Nilai, Negeri Sembilan, Malaysia. T +606. 798 2000 F +606. 799 7531

INTI International University INTI International College Subang INTI International College Penang INTI College Sabah

**C) GUEST SPEAKER AT INTERNATIONAL EVENTS OF ACADEMIC EXCELLENCE****Type of Participation:** Keynote speaker

- **Faculty Members Involved:** A Street
- **Year:** 2024
- **Event:** TRANS-ATLANTIC INFRADAY – TAI 2024
- **Location:** Rio de Janeiro
- **Proof/Link:** <https://blog.umd.edu/tai/2024/05/10/save-the-date-tai-2024/>

**Type of Participation:** Mesa Redonda sobre o tema: “How to use LLMS and gAIs productively and unproductively in research”

- **Faculty Members Involved:** L Brandão
- **Year:** 2023



- **Event:** “How to use LLMS and gAIs productively and unproductively in research”, McCombs School of Business
- **Location:** Austin, USA
- **Additional information:** Round table with profs. Stathis Tompaidis, Maytal Saar-Tsechansky, Luiz Brandao, and Mingyuan Zhou, from McCombs School of Business for discussion on the use of LLMs as a ChatGPT, Claude, Copilot, Gemini, and other AI models. The objective of the roundtable was to discuss the use of LLMs in order to disseminate their use in the academic community for both research and teaching. The components of the table reported to be a very useful tool to interpret statistical outputs, create code in Python, prepare menus, answer emails, prepare test questions, write letters of recommendation, summarizing academic articles and searching for articles online.
- **Proof / Link:** <http://lattes.cnpq.br/4445790203781215>

**Type of Participation:** Keynote speaker

- **Faculty Members Involved:** Leiras
- **Year:** 2024
- **Event:** ICOPEV - 6th International Conference on Production Economics and Project Evaluation
- **Location:** Guimarães, Portugal
- **Additional Information:** Workshop on Publication
- **Proof/Link:** <https://icopev2024.dps.uminho.pt/keynote-speakers/>

**Type of Participation:** Keynote speaker

- **Faculty Members Involved:** Leiras
- **Year:** 2024
- **Event:** First Connections to Sustain Science in Latin America symposium
- **Location:** Barranquilla, Colombia.
- **Additional Information:** Community Resilience and Disaster Preparedness session
- **Proof/Link:** <https://www.nationalacademies.org/event/02-06-2023/first-connections-to-sustain-science-in-latin-america-symposium> | [https://www.instagram.com/p/C4\\_V8WBJBLV/?igsh=YXlqYmxvamFrZzQ=](https://www.instagram.com/p/C4_V8WBJBLV/?igsh=YXlqYmxvamFrZzQ=)

**Type of Participation:** Keynote speaker

- **Faculty Members Involved:** D Valladão
- **Year:** 2022
- **Event:** XIV Latin-American Congress on Electricity Generation and Transmission (CLAGTEE 2022)
- **Location:** Rio de Janeiro
- **Proof/Link:** <https://www.feg.unesp.br/Home/Events/clagtee/programacao-completa-final---clagtee-2022-----22-de-nov-2022.pdf>


**Type of Participation:** Keynote speaker

- **Faculty Members Involved:** F Cyrino Oliveira
- **Year:** 2022
- **Event:** 20th International Conference on Renewable Energy and Power Quality - ICERPQ'22
- **Location:** Vigo, Spain
- **Additional Information:** one of the largest international scientific conferences on renewable energies.
- **Proof / Link:** <https://www.icrepq.com/icrepq22/ICREPQ'22-Program.pdf>


**Type of Participation:** Keynote speaker

- **Faculty Members Involved:** L Bastos

- **Year:** 2022
- **Event:** World Day of Critical Lung (WDCL) 2022 - Sessão 6 ("Predicting outcomes and organ failures in COVID-19").
- **Location:** Online
- **Proof / Link:** Recording of the presentation: <https://youtu.be/gidk0naKxks?si=Mt7FgUpd1C1CCg85>; 2022 event page with recordings: <https://wdcl.com.co/sixth-edition-2022/>




**- WORLD DAY OF THE CRITICAL LUNG -**  
**VI edition – November 30th, 2022**  
 An academic, online, non-profit and global event organized by the  
 Federación Panamericana e Ibérica de Sociedades de  
 Medicina Crítica y Terapia Intensiva




**Session 6: Lung infections** – Session organized by  
 the **Pan American and Iberian Federation of Critical Medicine and Intensive Therapy (FEPIMCTI)**

15:45 - 15:50. Introduction – Ortiz, G (Colombia)  
 15:50 - 16:05. The challenge of severe CAP – Salluh, J (Brazil)  
 16:05 - 16:20. Ensuring ICU resilience to improve outcomes - A. Quintana (Brazil)  
 16:20 - 16:35. Predicting outcomes and organ failures in covid19 – Bastos, L (Brazil)  
 16:35 - 16:50. Questions & Answers

**Endorsed by:**



**Sponsors:**



00 / 52:08

#### Type of Participation: Speaker

- **Faculty Members Involved:** P Macaira
- **Year:** 2024
- **Event:** Innovation Norway: "Brazil-Norway research day"
- **Location:** PUC-Rio
- **Additional Information:** Presence of the Minister of Norway
- **Proof/Link:** <https://hkdir.no/en/arrangementer/brazil-and-norway-strengthening-partnership-for-global-sustainable-development> (AGENDA)

#### Type of Participation: Keynote speaker

- **Faculty Members Involved:** R Souza
- **Year:** 2022
- **Event:** 20th International Conference on Renewable Energy and Power Quality (ICREPQ'22)
- **Location:** University of Vigo, Vigo, Spain
- **Additional Information:** Lecture "A new approach to estimate technical losses in distributing utilities in the presence of distributing generation in its concession area"
- **Proof/Link:** <https://www.icrepq.com/icrepq22/ICREPQ'22-Program.pdf>

#### D) MEMBER OF THE EDITORIAL BOARD OF AN INTERNATIONAL INDEXED JOURNAL:

##### Type of Participation: Member of the editorial board

- **Faculty Members Involved:** A Street
- **Year:** 2023-current
- **Journal/ISSN:** IEEE Transactions on Energy Markets, Policy, and Regulation
- **Proof/Link:** <https://ieee-pes.org/publications/transactions-on-energy-markets-policy-and-regulation/>



**Type of Participation:** Member of the editorial board

- **Faculty Members Involved:** A Street
- **Year:** 2020 - current
- **Journal/ISSN:** IEEE Open Access Journal of Power and Energy
- **% Scopus 2024 / Qualis:** 82% / A2
- **Proof/Link:** <http://lattes.cnpq.br/6677797217339969>

**Type of Participation:** Member of the editorial board

- **Faculty Members Involved:** A Street
- **Year:** 2019 - 2022
- **Journal /ISSN:** IEEE TRANSACTIONS ON POWER SYSTEMS
- **% Scopus 2024 / Qualis:** 95% / A1
- **Proof/Link:** <http://lattes.cnpq.br/6677797217339969>

**Type of Participation:** Editor-in-Chief

- **Faculty Members Involved:** Leiras
- **Year:** 2024 - current
- **Journal / ISSN:** Production Journal / ISSN: 1980-5411
- **% Scopus 2024 / Qualis:** % Scopus: 57% / Qualis A4
- **Proof/Link:** <https://prod.org.br/board>

**Type of Participation:** Guest editor of a special issue on "On Sustainable Operations and Supply Chain Management: What about Diversity, Equity, and Inclusion?"

- **Faculty Members Involved:** Leiras
- **Year:** 2023-2025
- **Journal / ISSN:** IJOPM - International Journal of Operations & Production Management / ISSN: 0144-3577
- **% Scopus 2024 / Qualis:** % Scopus: 93% / Qualis A1
- **Proof/Link:** <https://www.emeraldgrouppublishing.com/journal/ijopm/ijopm-diversity-equity-and-inclusion-workshop> | <https://ipsera2024.com/call-for-pdw-on-diversity-equity-inclusion/> | [https://www.linkedin.com/posts/adriana-leiras-84050a85\\_i-am-happy-to-announce-the-special-issue-activity-7112779407357882368-E4GP/](https://www.linkedin.com/posts/adriana-leiras-84050a85_i-am-happy-to-announce-the-special-issue-activity-7112779407357882368-E4GP/)

**Type of Participation:** Associate Editor

- **Faculty Members Involved:** Leiras
- **Year:** Permanent
- **Journal / ISSN:** Journal of Humanitarian Logistics and Supply Chain Management (ISSN: 2042-6747)
- **% Scopus 2024 / Qualis:** Scopus: 78% / Qualis A2
- **Proof/Link:** <https://www.emeraldgrouppublishing.com/journal/jhlscm>

**Type of Participation:** Special edition guest editor

- **Faculty Members Involved:** A M T Thomé, LF Scavarda, R Caiado
- **Year:** 2024
- **Journal /ISSN:** Journal of Purchasing and Supply Management (ISSN: 1873-6505)
- **% Scopus 2024 / Qualis:** % Scopus: 88% / Qualis A1
- **Proof/Link:** <https://www.sciencedirect.com/journal/journal-of-purchasing-and-supply-management/about/call-for-papers#ips-2024-emerging-alternatives-rio-de-janeiro-conference>

**Type of Participation:** Editor convidado (Guest editor) de edição especial "Sustainability Transitions and Sustainable Supply Chain Management in a Period of Crisis and Disruptions"

- **Faculty Members Involved:** AM Thome, LF Scavarda, R Caiado
- **Year:** 2023-2024
- **Journal /ISSN:** Sustainability (ISSN: 2071-1050)
- **% Scopus 2024 / Qualis:** % Scopus: 88% / Qualis A1
- **Proof/Link:** [https://www.mdpi.com/journal/sustainability/special\\_issues/UFY33LWMU0](https://www.mdpi.com/journal/sustainability/special_issues/UFY33LWMU0)

**Type of Participation:** Guest editor of the special issue "Digitalization and Sustainable Supply Chain Management in a Period of Crisis"

- **Faculty Members Involved:** AM Thomé, LF Scavarda
- **Year:** 2021-2022
- **Journal /ISSN:** Sustainability (ISSN: 2071-1050)
- **% Scopus 2024 / Qualis:** % Scopus: 88% / Qualis A1
- **Proof/Link:** [https://www.mdpi.com/journal/sustainability/special\\_issues/Digitalization\\_SCM](https://www.mdpi.com/journal/sustainability/special_issues/Digitalization_SCM)

**Type of Participation:** Member of the editorial board

- **Faculty Members Involved:** F Cyrino
- **Year:** Since 2022
- **Journal/ISSN:** *Forecasting* / 2571-9394
- **% Scopus 2024 / Qualis:** 90% / A1
- **Proof/Link:** [https://www.mdpi.com/journal/forecasting/sectioneditors/Power\\_Energy\\_Forecasting](https://www.mdpi.com/journal/forecasting/sectioneditors/Power_Energy_Forecasting)

**Type of Participation:** Member of the editorial board

- **Faculty Members Involved:** F Cyrino
- **Year:** Since 2022
- **Journal /ISSN:** *Frontiers in Energy Research* / 2296-598X
- **% Scopus 2024 / Qualis:** 67% / A4
- **Proof/Link:** <https://loop.frontiersin.org/people/1839116/overview>

**Type of Participation:** Associate Editor

- **Faculty Members Involved:** F Cyrino
- **Year:** Since 2017
- **Journal / ISSN:** *Production Journal* / ISSN: 1980-5411
- **% Scopus 2024 / Qualis:** % Scopus: 57% / Qualis A4
- **Proof/Link:** <https://prod.org.br/board>

**Type of Participation:** Review Editor

- **Faculty Members Involved:** I Peres
- **Year:** 2023-Current
- **Journal /ISSN:** 2296-2565
- **% Scopus 2024 / Qualis:** 70% Scopus / A3
- **Additional Information:** "Digital Public Health" section
- **Proof/Link:** <https://loop.frontiersin.org/people/1095251/overview>

**Type of Participation:** Membro de corpo editorial Editorial Board, Statistics, Data science, Evidence-based medicine and Epidemiology advisors

- **Faculty Members Involved:** L Bastos
- **Year:** 2024-current

- **Journal/ISSN:** *Critical Care Science* ISSN 2965-2774 (formerly *Revista Brasileira de Terapia Intensiva*)
- **% Scopus 2024 / Qualis:** Qualis B1 (2022)
- **Additional Information:** journal of the Brazilian Association of Intensive Care Medicine (AMIB) and the Portuguese Society of Intensive Care (SPCI). CiteScore (2023): 2.6, SJR 0.449 (2022)
- **Proof/Link:** <https://criticalcarescience.org/editorial-board/>

**Type of Participation:** Associate Editor

- **Faculty Members Involved:** L. Brandão
- **Year:** 2022-2024
- **Journal /ISSN:** *Decision Analysis* / 1545-8490 (print) e 1545-8504 (online).
- **% Scopus 2024 / Qualis:** 35% (Scopus) Qualis: B1
- **Proof/Link:** <https://pubsonline.informs.org/page/deca/editorial-board>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved:** L. Brandão
- **Year:** 2020-2024
- **Journal/ISSN:** *Construction Management and Economics* / ISSN: 0144-6193 e E-ISSN: 1466-433X.
- **% Scopus 2024 / Qualis:** 85% (Scopus) Qualis: A2
- **Proof/Link:** <https://www.tandfonline.com/journals/rcme20/about-this-journal#editorial-board>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved:** L. Brandão
- **Year:** 2020-2024
- **Journal/ISSN:** *Production* / ISSN: 0103-6513.
- **% Scopus 2024 / Qualis:** -/B1
- **Proof/Link:** <https://prod.org.br/board>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved:** L. Brandão
- **Year:** 2021-2024
- **Journal/ISSN:** *Revista Brasileira de Transportes - RBT* / ISSN 2764-3050
- **% Scopus 2024 / Qualis:** -/-
- **Proof/Link:** <https://periodicos.fgv.br/rbt/about/editorialTeam>

**Type of Participation:** Guest Editor of the special edition "Operations and Supply Chain" Management 5.0: new paths for sustainability"

- **Lecturers involved:** R Caiado, LF Scavarda
- **Year:** 2024
- **Journal/ISSN:** *Discover Sustainability* (ISSN: 2662-9984)
- **% Scopus 2024 / Qualis:** % Scopus: 72%. Qualis A3
- **Proof/Link:** [https://link.springer.com/collections/bfcjifchfj?utm\\_medium=email&utm\\_source=generic&utm\\_content=null&utm\\_term=null&utm\\_campaign=CONR\\_43621\\_CON1\\_GL\\_PHSS\\_03HEM\\_bfcjifchfj](https://link.springer.com/collections/bfcjifchfj?utm_medium=email&utm_source=generic&utm_content=null&utm_term=null&utm_campaign=CONR_43621_CON1_GL_PHSS_03HEM_bfcjifchfj)

**Type of Participation:** Guest Editor of the special edition "Reverse Operations: Paving the way for Circular Supply Chains sustainability"

- **Lecturers involved:** R Caiado, LF Scavarda
- **Yes:** 2022
- **Journal/ISSN:** *Logistics* (ISSN: 2305-6290)
- **% Scopus 2024 / Qualis:** % Scopus: 76% / Qualis A2

- **Proof/Link:** [https://www.mdpi.com/journal/logistics/special\\_issues/Reverse\\_Circular\\_Supply\\_Chains](https://www.mdpi.com/journal/logistics/special_issues/Reverse_Circular_Supply_Chains)

**Type of Participation:** Member of the Editorial Board

- **Lecturers involved:** LF Scavarda
- **Year:** since 2012 / permanent publisher
- **Journal/ISSN:** Production (ISSN: 1980-5411)
- **% Scopus 2024 / Qualis:** % Scopus: 57% / Qualis A4
- **Proof/Link:** <https://prod.org.br/board>

**Type of Participation:** Guest editor of the special edition "Operational Excellence 5.0: Paving the Way to Achieve Sustainable Development Goals (SDGs) in Ibero-American Countries"

- **Faculty Members Involved:** R Caiado, LF Scavarda,
- **Year:** 2024
- **Journal/ISSN:** International Journal of Lean Six Sigma (IJLSS) (ISSN: 2040-4166)
- **% Scopus 2024 / Qualis:** % Scopus: 87% / Qualis A2
- **Proof/Link:** <https://www.emeraldgrouppublishing.com/calls-for-papers/operational-excellence-50-paving-way-achieve-sustainable-development-goals-sdgs>

**Type of Participation:** Member of the Editorial Board of the Open Construction Building Technology Journal

- **Faculty Members Involved:** R Caiado
- **Year:** 2024
- **Journal/ISSN:** Open Construction Building Technology Journal (ISSN: 1874-8368)
- **% Scopus 2024 / Qualis:** % Scopus: 55%. Qualis A4
- **Proof/Link:**

**Type of Participation:** Editor convidado (Guest Editor) da edição especial "The Role of Industry 4.0 and Industry 5.0 Technologies in Achieving the Sustainable Development Goals in the VUCA World" do Journal Sustainability (Switzerland)

- **Faculty Members Involved:** R Caiado, A. M. T. Thomé
- **Year:** 2023
- **Journal/ISSN:** Sustainability (Switzerland) (ISSN: 2071-1050)
- **% Scopus 2024 / Qualis:** % Scopus: 87%. Qualis A1
- **Proof/Link:** [https://www.mdpi.com/journal/sustainability/special\\_issues/UPZ99932E8](https://www.mdpi.com/journal/sustainability/special_issues/UPZ99932E8)

**Type of Participation:** Editor revisor (Review Editor) no Frontiers in Sustainable Cities (área: Urban Economics)

- **Faculty Members Involved:** R Caiado
- **Year:** 2023
- **Journal/ISSN:** Frontiers in Sustainable Cities (ISSN: 2624-9634)
- **% Scopus 2024 / Qualis:** % Scopus: 77%. Qualis A2
- **Proof/Link:** [Profile on Frontiers](#)

**Type of Participation:** Editor revisor (Review Editor) no Frontiers in Manufacturing Technology (área: Sustainable Life Cycle Engineering and Manufacturing)

- **Faculty Members Involved:** R Caiado

- **Year:** Since 2023
- **Journal/ISSN:** Frontiers in Manufacturing Technology (ISSN: 2813-0359)
- **% Scopus 2024 / Qualis:** Not indexed yet
- **Proof/Link:** [Profile on Frontiers](#)

#### E) MEMBER OF THE ORGANIZING COMMITTEE OF AN INTERNATIONAL SCIENTIFIC EVENT

**Type of Participation:** International Advisory Committee

- **Faculty Members Involved:** Leiras
- **Year:** 2022
- **Event:** POMS International Conference in Kerala, India
- **Proof / Link:** <https://forms.iimk.ac.in/research/poms2022/index.php#advisory>

**Type of Participation:** Organizing Committee

- **Faculty Members Involved:** Leiras
- **Year:** 2021
- **Event:** POMS International Conference in Lima, Peru
- **Proof / Link:** <https://congreso.pucp.edu.pe/poms/es/organizacion/?seccion=organizing-committee>

**Type of Participation:** Steering Committee

- **Faculty Members Involved:** A Leiras, AM Thome, LF Scavarda
- **Year:** 2021
- **Event:** 26th & 27th IJCIEOM – International Joint Conference on Industrial Engineering and Operations Management
- **Proof / Link:** <http://lattes.cnpq.br/4328862635118427>  
<http://portalabepro.educacao.ws/ijcieom/>

**Type of Participation:** Member of the organizing committee

- **Faculty Members Involved:** A M Thome, LF Scavarda, R Caiado
- **Year:** 2024
- **Event:** 33rd IPSERA Conference (2024)
- **Additional information:** international event organized by the International Purchasing and Supply Education and Research Association (IPSERA), being one of the most prestigious and rigorous in Operations Management.
- **Proof / Link:** <https://ipsera2024.com/organizing-committee/>

**Type of Participation:** Member of the organizing committee

- **Faculty Members Involved:** AM Thome
- **Year:** 2024
- **Event:** IJCIEOM International Conference 2025
- **Proof / Link:** [https://ijcieom.org/2025/?page\\_id=142](https://ijcieom.org/2025/?page_id=142)

**Type of Participation:** Member of the organizing committee

- **Faculty Members Involved:** AM Thome
- **Year:** 2023
- **Event:** 29th IJCIEOM – International Joint Conference on Industrial Engineering and Operations Management
- **Additional information:** The IJCIEOM (International Joint Conference on Industrial Engineering and Operations Management) is jointly organized with: Brazilian Association of Production Engineering (ABEPRO), Institute of Industrial and Systems Engineers (IISE), American Society of Engineering

Management (ASEM), Association for the Development of Organizational Engineering (ADINGOR) and European Academy of Industrial Management (AIM).

- **Proof / Link:** [https://ijcieom.org/2023/?page\\_id=142](https://ijcieom.org/2023/?page_id=142)

**Type of Participation:** President of the GMRG International Congresses

- **Faculty Members Involved:** AM Thome
- **Year:** 2020 and 2021
- **Event:** GMRG Annual Meetings
- **Additional Information:** The Global Manufacturing Research Group (GMRG) is an inclusive multinational community of researchers, academics, and industrial practitioners dedicated to conducting systematic data-focused research/studies to improve the international manufacturing supply chain. It holds annual meetings for its members, who come from more than 17 countries. The group achieves this by sharing ideas, results, and concepts with manufacturing stakeholders around the world, the GMRG serves to strengthen the link between research and practice.
- **Proof / Link:** [https://gmr.org/aiovg\\_videos/2020-gmr-virtual-annual-meeting-session-1/](https://gmr.org/aiovg_videos/2020-gmr-virtual-annual-meeting-session-1/)

**Type of Participation:** Organizing Committee (Chair)

- **Faculty Members Involved:** F Baião
- **Year:** 2023
- **Event:** 7th Symposium on Conceptual Modeling Education, 42nd International Conference on Conceptual Modeling (SCME-ER 2023)
- **Additional information:** International coverage. Symposium on Education applied to Conceptual Modeling, part of the largest international conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://er2023.inesc-id.pt/organization/organizing-committee/>

## F) MEMBER OF THE SCIENTIFIC COMMITTEE OF AN INTERNATIONAL SCIENTIFIC EVENT

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** Leiras
- **Year:** 2023
- **Event:** 2023-2024 POMS - MIT SCALE Latin America Conference, Cartagena, Colombia
- **Proof / Link:** <https://scale.mit.edu/poms2024>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** Leiras
- **Year:** 2023
- **Event:** 2023 Paris POMS International Conference, France
- **Proof / Link:** [https://www.euro-prm.uzh.ch/dam/jcr:102a48d2-61e7-40bb-8b63-a6a9dc0b3520/CFP\\_POMS2023\\_Paris.pdf](https://www.euro-prm.uzh.ch/dam/jcr:102a48d2-61e7-40bb-8b63-a6a9dc0b3520/CFP_POMS2023_Paris.pdf)

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** Leiras
- **Year:** 2022
- **Event:** MIT SCALE Latin America Conference, USA
- **Proof / Link:** <http://lattes.cnpq.br/4328862635118427>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2021
- **Event:** 40th International Conference on Conceptual Modeling (ER 2021)
- **Additional information:** International coverage. Largest international conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://er2021.org/program-committee.html#ordinary>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2022
- **Event:** 41st International Conference on Conceptual Modeling (ER 2022)
- **Additional information:** International coverage. Largest international conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://er2022web.github.io/ER2022/programCommittee.html>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2023
- **Event:** 31st International Conference on Information Systems Development (ISD 2023) - Track: Ontologies and Knowledge Management
- **Additional information:** International coverage. Traditional conference that addresses the interconnection between the area of Information Systems, organizational aspects and trends in Society.
- **Proof / Link:** <https://isd2023.inesc-id.pt/committees/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Event:** 32nd International Conference on Information Systems Development (ISD 2024) - Track: Information System Modeling
- **Additional information:** International coverage. Traditional conference that addresses the interconnection between the area of Information Systems, organizational aspects and trends in Society.
- **Proof / Link:** <https://isd2024.ug.edu.pl/committees/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2023
- **Event:** 13th International Conference on Formal Ontology in Information Systems (FOIS 2023).
- **Additional information:** International coverage. Most prestigious conference in the area of formal Ontologies.
- **Proof / Link:** <https://fois2023.griis.ca/conference-organization/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Event:** 14th International Conference on Formal Ontology in Information Systems (FOIS 2024).
- **Additional information:** International coverage. Most prestigious conference in the area of formal Ontologies.
- **Proof / Link:** <https://www.utwente.nl/en/eemcs/fois2024/organization/#program-committee>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2024



- **Event:** 36th International Conference on Advanced Information Systems Engineering (CAiSE'24).
- **Additional information:** International coverage. Traditional conference that addresses advanced aspects of Information Systems Engineering, organizational aspects and trends in Society.
- **Proof / Link:** <https://cyprusconferences.org/caise2024/program-committee/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Event:** 37th International Conference on Advanced Information Systems Engineering (CAiSE'25).
- **Additional information:** International coverage. Traditional conference that addresses advanced aspects of Information Systems Engineering, organizational aspects and trends in Society.
- **Proof / Link:** <https://conferences.big.tuwien.ac.at/caise2025/committee.php#programcommittee>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Event:** 23rd International Conference on Business Process Management (BPM 2025)
- **Additional information:** International coverage. Largest international conference in the area of Business Process Management.
- **Proof / Link:** <https://www.bpm2025seville.org/calls/educators-forum/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Cyrino
- **Year:** 2024
- **Event:** 13th International Conference on Operations Research and Enterprise Systems (ICORES)
- **Additional information:** International coverage. Traditional conference that addresses practical and theoretical aspects of the area of Operations Research.
- **Proof / Link:** <https://icores.scitevents.org/ProgramCommittee.aspx?y=2024>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Cyrino
- **Year:** 2024
- **Event:** XXII Latin-Iberoamerican Conference on Operations Research (CLAIO)
- **Additional information:** International coverage. Traditional conference that addresses practical and theoretical aspects of the area of Operations Research.
- **Proof / Link:** <http://www.smio.org/committees.html>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Cyrino
- **Year:** 2024
- **Event:** 13th International Conference on Data Science, Technology and Applications (DATA)
- **Additional information:** International coverage. Traditional conference that addresses practical and theoretical aspects of the area of Data Science and Technology
- **Proof / Link:** <https://data.scitevents.org/ProgramCommittee.aspx?y=2024>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Pessoa



- **Year:** 2022
- **Event:** International Conference on Computational Logistics
- **Proof / Link:** <https://eventum.upf.edu/78123/section/35910/international-conference-on-computational-logistics-iccl-2022.html>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Pessoa
- **Year:** 2024
- **Event:** International Conference on Computational Logistics
- **Proof / Link:** <https://www.iccl2024.com/committees>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Pessoa
- **Year:** 2022
- **Event:** Metaheuristics International Conference
- **Proof / Link:** <https://www.ants-lab.it/mic2022/committees.html>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Pessoa
- **Year:** 2024
- **Event:** Metaheuristics International Conference
- **Proof / Link:** <https://mic2024.fr/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** R Souza
- **Year:** 2021-2024
- **Event:** International Symposium on Forecasting
- **Proof / Link:** <http://lattes.cnpq.br/6992824817295435>

## G) ADVISING FOREIGN FUNDING AGENCIES

**Type of Participation:** Reviewer for Civil, Industrial and Systems Engineering (EG 1509)

- **Faculty Members Involved:** L Brandão
- **Year:** 2022
- **Agency:** Natural Sciences and Engineering Research Council of Canada (NSERC)
- **Additional information:** Lawryshyn, Yuri; University of Toronto. Discovery Grant Proposal - Mathematics and Statistics
- **Proof / Link:** <https://influence2.nserc-crsng.gc.ca/sites/100000/L993/P001.aspx>

**Type of Participation:** Ad-hoc evaluator

- **Faculty Members Involved:** L Brandão
- **Year:** 2024
- **Agency:** European Research Commission (ERC)
- **Additional Information:** Mentor for Research proposal of Kolzova, Mariia.
- **Proof/Link:** <https://influence2.nserc-crsng.gc.ca/sites/100000/L993/P001.aspx>

**Type of Participation:** Ad hoc international consultant of thematic program

- **Faculty Members Involved:** R Caiado
- **Year:** 2023-2024

- **Agency:** Dutch Research Council (NWO).
- **Additional information:** Evaluated a project with an estimated budget of around 1.3 million euros for the so-called 'Circular economy: trust, behaviour and acceptance' created by the Circular Economy Knowledge and Innovation Agenda (KIA CE), part of the KIA Energy Transition and Sustainability and linked to the government program "The Netherlands Circular in 2050".
- **Proof / Link:** <https://www.nwo.nl/en/news/four-projects-awarded-for-research-on-trust-behaviour-and-acceptance-in-a-circular-economy>

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**NWO granting decision KIC Circular Economy: Trust, Behaviour and Acceptance**

j.delfant@nwo.nl <j.delfant@nwo.nl> Thu, Feb 15, 2024 at 6:39 AM  
 Reply-To: kic-ce@nwo.nl  
 To: rodrigocaiado@puc-rio.br

Date: 15 February 2024  
 Correspondence no. 2024/KIC/01649877  
 File no. KICH1.ED07.22.014  
 Round KIC - MISSION 2022/2023

Title UPSCALE: Cross-linking, Tracing and Reusing Construction and Demolition Waste (CDW) across Circular Supply Networks in Construction

CONFIDENTIAL

Dear Dr Caiado,

On behalf of the Dutch Research Council (NWO) I would like to express our gratitude for your assessment of the proposal stated above from dr. ir. P. Pauwels. The granting decision about the proposals has been taken. The full list of projects awarded funding can be found on our website:

<https://www.nwo.nl/en/news/four-projects-awarded-for-research-on-trust-behaviour-and-acceptance-in-a-circular-economy>

Your assessment has made a vital contribution to the selection procedure. NWO is aware that you possibly spent a lot of time making this assessment and is thankful for your help. I hope that we may approach you again in the future.

Please contact us if you have any questions. Our contact details are stated below.

Yours sincerely,

Aniek van den Eersten and Jean-Pierre Oudsen  
 Programme managers KIC Circular Economy: Trust, Behaviour and Acceptance

Dutch Research Council | Aniek van den Eersten | 070-3494397 | Jean-Pierre Oudsen | 070-3440572 | [kic-ce@nwo.nl](mailto:kic-ce@nwo.nl) [www.nwo.nl](http://www.nwo.nl)

## **Type of Participation:** Reviewer of the "Fondecyt Research Initiation Project Competition 2025"

- **Faculty Members Involved:** R Caiado
- **Year:** 2024
- **Agency:** ANID (National Agency for Research and Development)
- **Additional Information:** He served as a reviewer in the Fondecyt 2025 competition, aimed at promoting, fostering and developing research in Chile. The program is administered by ANID (Agencia Nacional de Investigación y Desarrollo) and aims to support research initiation projects with a budget of millions of euros.
- **Proof/Link:**



# CERTIFICATE

The undersigned, Deputy Director of the Sub-Directorate for Research Projects of the National Research and Development Agency (ANID) of the Ministry of Science, Technology, Knowledge and Innovation of Chile, hereby certifies that RODRIGO GOYANNES GUSMÃO CAIADO, academic of the Pontifical Catholic University of Rio de Janeiro - PUC-Rio of BRASIL, participated as external reviewer of proposals submitted to the Fondecyt Research Initiation Project Competition 2025.

Issued for the purpose the above named reviewer deems appropriate.



*Antio CV*

JOSÉ ANTONIO CARRASCO VILLA  
Deputy Director  
Sub-Directorate for Research Projects  
National Research and Development Agency  
CHILE

Santiago, Chile, November 2024

Ministerio de Ciencia,  
Tecnología, Conocimiento  
e Innovación

Gobierno de Chile



## H) SUPERVISION/CO-SUPERVISION OF THESES AND DISSERTATIONS ABROAD

### Type of Participation: Student Orientation

- **Faculty Members Involved:** Leiras
- **Year:** 2022
- **Institution - Country / THE Ranking:** Massachusetts Institute of Technology (MIT) – USA/ THE 3.
- **Additional information:** GCLOG Capstone Project - Daniel Moura & Vinicius Martins (co-supervision with Dr. Christopher Mejia-Argueta). Graduate Certificate in Logistics & Supply Chain Management (GCLOG) | Supply Chain and Global Logistics Excellence Network (SCALE). MIT Center for Transportation and Logistics.
- **Proof / Link:** <http://lattes.cnpq.br/4328862635118427>

## Military operations in Humanitarian Logistics: the Brazilian Navy response to COVID-19 Pandemic

Moura, D.<sup>1</sup> and Martins, V.<sup>2</sup>  
**Advised by Leiras, A.<sup>2</sup> and Mejia-Argueta, C.<sup>3</sup>**

<sup>1</sup>: Navy Technological Center in Rio de Janeiro; Brazilian Navy, Brazil  
<sup>2</sup>: Department of Industrial Engineering, PUC-RIO, Brazil  
<sup>3</sup>: MIT Center for Transportation and Logistics, MIT, U.S.

### Abstract

The adverse effects of the COVID-19 pandemic have been a matter of humanitarian crisis, as it has caused socioeconomic and health system deterioration in affected countries. In a continental country like Brazil, the impacts were established differently by distinct regions. In this context, disaster response requires logistical capacity and joint involvement of stakeholders to meet the demands of highly diverse areas in terms of location, infrastructure, and socioeconomic status. Thus, this work aims to analyze how the military forces in Brazil contribute to the Humanitarian Logistics (HL) in tackling the COVID-19 crisis. To this end, the research applies the case study methodology for mapping the actions arising from the involvement of the Brazilian Navy in response to the COVID-19 crisis. Using the Business Process Management Notation (BPMN) modelling language and reference Key Performance Indicators (KPIs), the macro-processes are addressed through a standardized framework. The study concludes that the military's actions have been relevant in mitigating the deterioration of health and socioeconomic conditions of the affected population. Moreover, the standardized framework is applicable to responses to disasters with similar characteristics and to the other Armed Forces.

**Keywords:** Humanitarian logistics; COVID-19; military; standardized framework

### 1. Introduction

Disaster can be defined as "a serious disruption of the functioning of a community or a society at any scale due to hazardous events interacting with conditions of exposure, vulnerability and capacity, leading to one or more of the following: human, material, economic and environmental losses and impacts" (UNDRR, 2020). In 2020, the year that World Health Organization (WHO) classified COVID-19 as a global pandemic (WHO, 2020), 389 natural disasters were registered causing more than 15 thousand deaths, affecting almost 100 million people and imposing economic losses of about 170 billion US dollars on Earth with no direct connection to COVID-19 pandemic (EM-DAT, 2020) - a biological natural disaster (COBRADE, 2021). In Brazil, the first case of COVID-19 was registered on February 26<sup>th</sup>, 2020 (UNASUS, 2020) and, since then until February 2022, 25 million people were infected and almost 650 thousand dead (Ministério da Saúde, 2022).

COVID-19 has generated adverse effects in supply chains in direct, indirect, and cascade ways (Kovács & Falagara Sigala, 2021). Thus, in addition to the more evident effects such as the overload of the health system and the shutdown of manufacturing plants, the bullwhip effect is present because of the agents' irrational behavior, generating fluctuations and uncertainties along the supply chain. In this context, the allocation of consolidated and resilient logistic structures, capable of ensuring the storage and distribution of essential supplies, are relevant. In Brazil, a 1,250% increase in Protective Personal Equipment - PPE imports in 2020 and a bed occupancy rate above 80% by March 2021 in most states indicate the pressure on public and private healthcare systems to respond to the atypical rise in demand (ABIS, 2020; Fiocruz, 2021). On the socioeconomic front, the -4.1% drop in GDP and the 19 million Brazilians facing severe food insecurity in 2020 demonstrate the adverse results of the sanitary restrictions that have impacted economic activities (IBGE, 2021; Rede Penssan, 2021).

As a humanitarian operation, the response of COVID-19 involves various stakeholders, such as private sector, government, humanitarian organizations, and the military forces (Kovács & Falagara Sigala, 2021).

*Military operations in Humanitarian Logistics: the Brazilian Navy response to COVID-19 Pandemic*

### Type of Participation: Co-supervision of doctoral thesis (completed)

- **Faculty Members Involved:** AM Thome
- **Year:** 2020-2024
- **Institution - Country / THE Ranking:** University of Münster – Germany / THE 188
- **Additional information:** Co-supervision of Frédéric Nicholas. PhD thesis on the use of data analytics in joint sales and operations planning (S&OP)
- **Proof / Link:** <https://lattes.cnpq.br/1568432165307483>

### Type of Participation: Co-supervision of doctoral thesis (completed)

- **Faculty Members Involved:** AM Thome
- **Year:** 2020-2024
- **Institution - Country / THE Ranking:** University of Münster – Germany / THE 188
- **Additional information:** Co-supervision of Frauke Hellweg. PhD thesis in information systems and supply chain management
- **Proof / Link:** <https://lattes.cnpq.br/1568432165307483>

### Type of Participation: Master's Co-supervision (Completed)

- **Faculty Members Involved:** B Fanzeres Santos
- **Year:** 2023
- **Institution - Country / THE Ranking:** Aalto University – Finland / THE 196
- **Additional information:** Co-supervision by Helmi Hankimaa. Dissertation: Optimising Energy and Reserve Offers in the Nordic Markets under Uncertainty
- **Proof / Link:** <https://aaltodoc.aalto.fi/items/758a6061-9fe2-437e-bba4-35b2a84dddc7>

### Type of Participation: Doctoral Co-supervision (in progress)

- **Faculty Members Involved:** B Fanzeres Santos
- **Year:** 2024

- **Institution - Country / THE Ranking:** Aalto University – Finland / THE 196
- **Additional information:** Co-supervision of Helmi Hankimaa
- **Proof / Link:** <https://math.tkk.fi/en/people/helmi.hankimaa>

#### Type of Participation: Student Orientation

- **Faculty Members Involved:** F Cyrino
- **Year:** 2023
- **Institution - Country / THE Ranking:** Massachusetts Institute of Technology (MIT) - USA / THE 3
- **Additional information:** GCLOG Capstone Project. Co-supervision with Dr. Christopher Mejia-Argueta. Graduate Certificate in Logistics & Supply Chain Management (GCLOG) | Supply Chain and Global Logistics Excellence Network (SCALE). MIT Center for Transportation and Logistics.
- **Proof / Link:**



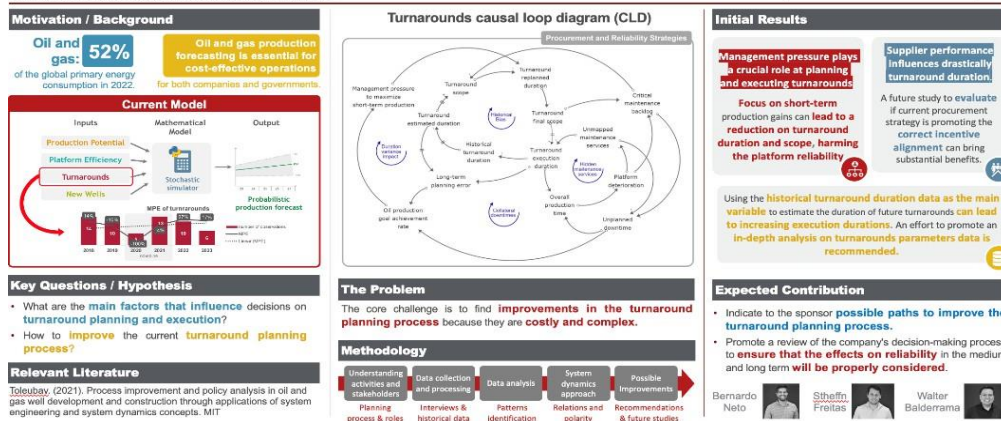
Student: Bernardo Nieto, GCLOG 2024  
Student: Steffen Freitas, GCLOG 2024  
Advisors: Dr. Lars Meyer Sánchez, Dr. Fernando Cyrino and Dr. Chris Mejia

### A system dynamics approach to maintenance planning



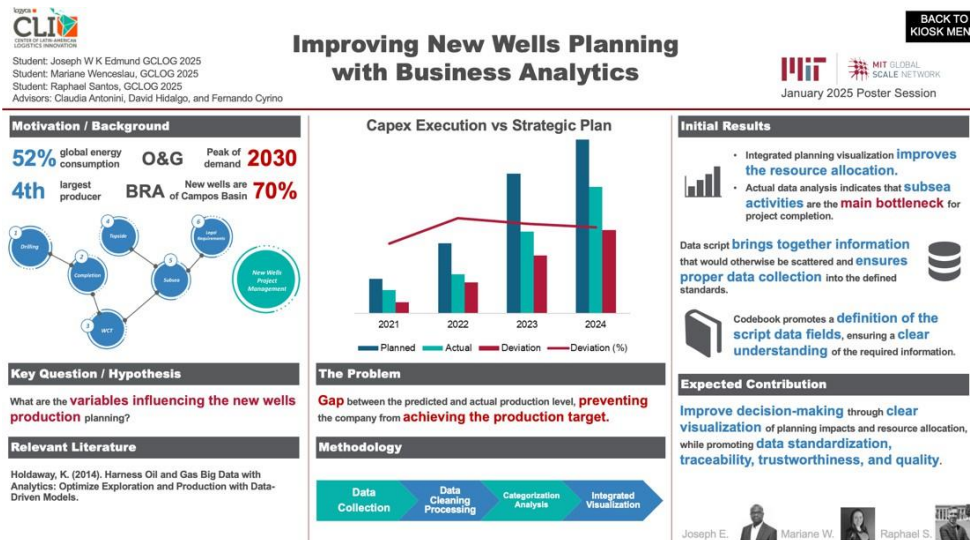
January 2024 Poster Session

TAP TO GO BACK TO KIOSK MENU



#### Type of Participation: Student Orientation

- **Faculty Members Involved:** F Cyrino
- **Year:** 2024
- **Institution - Country / THE Ranking:** Massachusetts Institute of Technology (MIT) - USA / THE 3
- **Additional information:** GCLOG Capstone Project. Co-supervision with Prof. Claudia Antonini. Graduate Certificate in Logistics & Supply Chain Management (GCLOG) | Supply Chain and Global Logistics Excellence Network (SCALE). MIT Center for Transportation and Logistics
- **Proof / Link:**



#### Type of Participation: Academic Sponsor of Doctoral Thesis

- **Faculty Members Involved:** F Cyrino
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Kent - England / THE 400
- **Additional information:** Academic Sponsor da tese de Doctoral Defense de Viviane Horsti dos Santos. Tese: Towards a Conceptual Modelling Framework for Participative Hybrid Simulation in Healthcare
- **Proof/Link:** <http://lattes.cnpq.br/0348074510343282>  
 e <https://www.kent.ac.uk/kent-business-school/people/2725/horsti-dos-santos-viviane>

#### Type of Participation: PhD co-supervision (completed)

- **Lecturers involved:** LF Scavarda
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Co-orientação de Christian Kalla. Tese: Adapting sales and operations planning to uncertain business environments – An enterprise architecture perspective
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

#### Type of Participation: PhD co-supervision (completed)

- **Lecturers involved:** LF Scavarda
- **Year:** 2023
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Co-orientação de Eduardo Israel. Tese: Facilitating Supply Chain Integration through a Synthesis Framework and a Context-Specific Maturity Model in the Scope of Industry 4.0.
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

#### Type of Participation: PhD co-supervision (completed)

- **Lecturers involved:** LF Scavarda
- **Year:** 2022
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Co-orientação de Tobias Kreuter. Tese: Enabling Sales and Operations Planning through an Enterprise Architecture Management Approach: A Theoretical Understanding and Practical Implementation Guidance.
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>



**Type of Participation:** Co-supervision of ongoing PhD

- **Faculty Members Involved:** R Caiado
- **Year:** 2023-2024
- **Institution - Country / THE Ranking:** Universitat de Barcelona Business School - Spain / THE 149
- **Additional Information:** Co-supervision of Andrea Patricia Iglesias Pardo.
- **Proof/Link:** <https://lattes.cnpq.br/3922452850648712>

## I) PARTICIPATION IN THESIS AND DISSERTATION BOARDS ABROAD

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** Leiras
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Minho | THE 601-800
- **Additional information:** ALVES, C. M. M.; CUNHA, J. M. O. S.; FERREIRA, P. F. V.; BRAGA, V. L. S.; LEIRAS, A.. Participation in the jury of Rodrigo Augusto da Silva Pimentel. Identification and evaluation of externalities in hydroelectric projects: the case of the Belo Monte Power Plant. 2024. Thesis (PhD in Industrial and Systems Engineering) - University of Minho.
- **Proof / Link:** <http://lattes.cnpq.br/4328862635118427>

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** AM Thome
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Participation in the doctoral committee of Frédéric Nicholas
- **Proof / Link:** <https://lattes.cnpq.br/1568432165307483>

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** B Fanzeres Santos
- **Year:** 2023
- **Institution - Country / THE Ranking:** Aalto University – Finland / THE 196
- **Additional information:** Preliminary examiner of Nikita Belvak's doctoral thesis
- **Proof / Link:** <https://aaltodoc.aalto.fi/items/d06822db-88ce-45d2-8150-b7b8f0529e30/full>

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** F Cyrino
- **Year:** 2022
- **Institution - Country / THE Ranking:** Monash University – Australia / THE 58
- **Additional information:** Participation in the jury of Hansika Pehesarani Hewamalage. PhD Thesis: Advancing Time Series Forecasting Techniques & Practices in a Big Data Environment. PhD in Information Technology.
- **Proof / Link:** <http://lattes.cnpq.br/0348074510343282>



A message from  
Monash Graduate Research Office

**Doctorate Examination: HANSIKA PEHESARANI  
HEWAMALAGE**

Dear Professor Fernando Luiz Cyrino Oliveira

Thank you for accepting Professor Christoph Bergmeir's invitation to examine this thesis. The expected submission date of your report is 02 December 2021.

To begin the examination for HANSIKA PEHESARANI HEWAMALAGE's thesis entitled "Advancing Time Series Forecasting Techniques & Practices in a Big Data Environment", please click the button below.

Your honorarium will be paid upon receipt of the report in appreciation of your contribution to this examination.

Please ensure you save this email, so that you can re-visit and complete examiner report upon completion of your assessment via our online portal. Please do not share this email with anyone. If you are not the intended recipient of this message, or if this message has been addressed or sent to you in error, please immediately alert the sender by reply email and then delete this message.

If you are no longer in a position to examine this thesis, please contact [mgro-thesisexams@monash.edu](mailto:mgro-thesisexams@monash.edu).

**Thesis examination**

Sincerely,

Graduate Research Examinations Team | Graduate Research Office

**Type of Participation:** Member of the academic master's committee

- **Faculty Members Involved:** I Peres
- **Year:** 2024
- **Institution - Country / THE Ranking:** Universidad de Santiago de Chile (USACH) - Chile
- **Additional Information:** Work: Evaluation of the impact of the Diagnosis-Related Groups (DRG) system on the estimation of the technical effectiveness of high-complexity public hospitals in Chile; Aluno: Javier Ignacio Pérez Cáceres; Advisor: Manuel Villalobos-Cid.
- **Proof / Link:** <https://lattes.cnpq.br/3920767393039395>

**Type of Participation:** External reviewer of doctoral thesis

- **Faculty Members Involved:** L Pessoa
- **Year:** 2021
- **Institution - Country / THE Ranking:** Universitat Oberta de Catalunya – Spain / THE 600~800
- **Additional Information:** Doctorate on Network and Information Technologies. The doctorate regulation requires a pre-analysis of the theses before the Doctoral Committee authorizes the defense.
- **Proof / Link:** <https://lattes.cnpq.br/6730686049255425>

**Type of Participation:** Member of thesis boards abroad

- **Faculty Members Involved:** L Brandão
- **Year:** 2022
- **Institution - Country / THE Ranking:** Instituto Superior Tecnico de Lisboa – Portugal / THE 341



- **Additional Information:** Participation in a doctoral committee
- **Proof/Link:** <http://lattes.cnpq.br/4445790203781215>

**Type of Participation:** Member of the doctoral committee

- **Lecturers involved:** LF Scavarda
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Co-orientação de Christian Kalla. Tese: Adapting sales and operations planning to uncertain business environments – An enterprise architecture perspective
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Type of Participation:** Member of the doctoral committee

- **Lecturers involved:** LF Scavarda
- **Year:** 2022
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional information:** Participação na banca de Tobias Kreuter. Tese: Enabling Sales and Operations Planning through an Enterprise Architecture Management Approach: A Theoretical Understanding and Practical Implementation Guidance. Doctoral Defense em Sistemas de Informação
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Type of Participation:** Member of the doctoral committee

- **Lecturers involved:** LF Scavarda
- **Year:** 2022
- **Institution - Country / THE Ranking:** Universidad de Jaén - Spain / THE 801-1000
- **Additional Information:** Participation in the jury of Noelia García Buendía. Thesis: Impact of lean supply chain management on business performance: the role of the context. PhD in Business Organization, Marketing, and Sociology
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** R Caiado
- **Year:** 2023
- **Institution - Country / THE Ranking:** Doctoral School of Universidad de Jaén - Spain / THE 501~600
- **Additional Information:** Doctoral committee of Diessica de Oliveira Dias. Title: Mechanisms to boost supply chain responsiveness: The nexus between information technologies and supply chain strategies. Advisors: José MoyYear-Fuentes and Juan Manuel Maqueira.
- **Proof/Link:** <https://lattes.cnpq.br/3922452850648712>

**Type of Participation:** Member of the doctoral committee

- **Faculty Members Involved:** R Caiado
- **Year:** 2022
- **Institution - Country / THE Ranking:** UniFE Doctoral School of Università degli Studi di Ferrara - Italy / THE 401~500
- **Additional information:** Banca de Doctoral Defense de Gabberi Piero. Título: The way toward Digital Transformation in Italian SMEs. Process Digitalisation and Product Digitalisation: An Italian Manufacturing Company Case Study.
- **Proof/Link:** <https://lattes.cnpq.br/3922452850648712>

**Type of Participation:** Member of 5 master's boards

- **Faculty Members Involved:** R Caiado
- **Year:** 2023
- **Institution - Country / THE Ranking:** Universitat de Barcelona Business School - Spain / THE 149
- **Additional information:** Participação em cinco bancas de Master's Defense em MSc in International Business. (Master's Defense em MSc in International Business) na Universitat de Barcelona Business School (1. Leon Dambrosio. Título: The impact of industry 4.0 on supply chain resilience: a multiple case study of the mobility industry. 2. Jocelyne El Hage. The interrelationships between Sustainable Development Goals and Multinational Corporation Practices. 3. Daniel Farkas. Playing fair: A Cross-National Comparative Analysis of SR Reporting of European Football Clubs. 4. Marcel Kloss. Achieving Net Zero Emissions in Aviation: Best Practices, Challenges, and Opportunities for the Airline Industry. 5. Julia Potthast. Implementing "Supply Chain as a Service": Considerations and challenges.)
- **Proof/Link:** <https://lattes.cnpq.br/3922452850648712>

## J) PARTICIPATION IN TEACHING COMPETITION BOARDS ABROAD

**Type of Participation:** Member of the board of competitions abroad

- **Faculty Members Involved:** L Brandão
- **Year:** 2021
- **Institution - Country / THE Ranking:** Lappeenranta-Lahti University of Technology LUT (LUT University) of Finland at the LUT School of Business and Management Unidos / THE 251
- **Additional information:** Business Analytics of D.Sc. (Econ) Maria Kozlova for the LUT School of Business and Management.
- **Proof/Link:** <http://lattes.cnpq.br/4445790203781215>

**Type of Participation:** Member of the board of competitions abroad

- **Faculty Members Involved:** L Brandão
- **Year:** 2024
- **Institution - Country / THE Ranking:** Lappeenranta-Lahti University of Technology LUT (LUT University), Finland / THE 251
- **Additional Information:** Member of the faculty selection board for LUT University
- **Proof/Link:** <http://lattes.cnpq.br/4445790203781215>

## K) POSTDOCTORAL INTERNSHIP ABROAD

**Type of Mobility:** postdoctoral internship / Visiting Faculty member Abroad (PVE)

- **Faculty Members Involved:** Leiras
- **Year:** 2022
- **Institution - Country / THE Ranking:** Università della Svizzera italiana - USI / THE 301-350
- **Length of stay:** 1 year
- **Funding:** CAPES
- **Proof/Link:** <http://lattes.cnpq.br/4328862635118427>

**Type of Mobility:** Postdoctoral Internship

- **Faculty Members Involved:** L Brandão
- **Year:** 2021-2022
- **Institution - Country / THE Ranking:** University of Texas at Austin, McCombs School of Business, United States / THE 52
- **Length of stay:** 1 year.
- **Funding:** The University of Texas at Austin
- **Additional Information:** Postdoctoral Internship at McCombs School of Business
- **Proof/Link:** <http://lattes.cnpq.br/4445790203781215>

**Type of Mobility:** Postdoctoral Internship / Visiting Faculty member Abroad

- **Lecturers involved:** LF Scavarda
- **Year:** 2023-2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Length of stay:** 1 year
- **Funding:** CAPES Print
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**L) WORK MISSION ABROAD AFTER PHD****Type of Mobility:** Work Mission

- **Faculty Members Involved:** B Fanzeres Santos
- **Year:** 2024
- **Institution - Country / THE Ranking:** Aalto University
- **Length of stay:** 10 days
- **Funding:** CAPES Print
- **Additional Information:** This work mission has 3 main objectives: 1) To strengthen the ties and the solid collaboration between B Fanzeres Santos and Prof. Fabricio Oliveira in order to consolidate the Memorandum of Understanding (MoU) recently signed between PUC-Rio and Aalto University, keeping active the opportunity for new students to carry out training and intra-university exchange programs; 2) To allow B Fanzeres Santos to follow the evolution of the doctoral research of his co-advisor at Aalto University, Helmi Hankimaa, and to start prospecting for new co-supervisions; 3) Construction of a course for graduate students from Aalto University and PUC-Rio together with Prof. Fabricio Oliveira focusing on the intersection between Machine Learning, Optimization and Production Analytics.
- **Proof/Link:** <https://math.aalto.fi/en/current/colloquium/>

**Type of Mobility:** Work Mission

- **Faculty Members Involved:** Davi Michel Valladão
- **Year:** 2024
- **Institution - Country / THE Ranking:** Georgia Tech - USA
- **Length of stay:** 7 days
- **Funding:** CAPES Print
- **Additional Information:** This work mission had three main objectives: 1) To strengthen the collaboration between LAMPS PUC-Rio, coordinated by Faculty members Davi Valladão and Alexandre Street, and the AI Institute and AI4Opt of Georgia Tech, led by Prof. Pascal Van Hentenryck, aiming to expand joint research opportunities and consolidate strategic partnerships in Artificial Intelligence for Optimization; 2)

To monitor the evolution of doctoral research by students co-supervised by both groups, including a student from PUC-Rio and one from Georgia Tech, promoting academic exchange and synergy between the institutions; 3) To make institutional presentations to disseminate the lines of research of LAMPS and to explore new collaborations in projects involving artificial intelligence, optimization and decision-making under uncertainty.

- **Proof/Link:**



July 1, 2024

Dear Professor Valladão,

I am pleased to invite you to conduct a 7-day research visit (from September 15 to September 21<sup>st</sup>) at the NSF AI Institute for Advances in Optimization (AI4OPT) at Georgia Tech. I will be responsible for supervising your stay at Georgia Tech.

During this visit, we will conduct research on topics of shared interest, including the research projects of PhD students André Ramos and Andrew Rosenberg. All costs associated with travel and stay will be covered by a Brazilian grant.

We look forward to your visit and the collaborative opportunities it will bring.

Sincerely yours,

Pascal Van Hentenryck  
 Director, NSF AI Institute for Advances in Optimization (AI4OPT)  
 Director, Tech AI – the AI Hub at Georgia Tech.  
 A Russell Chandler III Chair and Professor,  
 Georgia Institute of Technology

**Type of Mobility:** Work Mission

- **Faculty Members Involved:** F Cyrino
- **Year:** 2023
- **Institution - Country / THE Ranking:** City, Univ London, England. THE 351
- **Length of stay:** 15 days
- **Funding:** CAPES Print
- **Proof/Link:**



London 21 December 2022

Prof Fernando Cyrino  
PUC-Rio | Pontifical Catholic University of Rio de Janeiro  
Department of Industrial Engineering  
Gavea  
Rio de Janeiro 22451-900  
[www.ind.puc-rio.br/fcyrino](http://www.ind.puc-rio.br/fcyrino)

Dear Prof Cyrino,

Following our discussions concerning my forthcoming research visit to PUC-Rio and future projects, I am very happy to hear that you will be able to apply for fundings to UK academics next February. I would therefore like to invite you to visit Bayes.

A week at Bayes will not only be an opportunity for us to further discuss our research projects, but also for you to meet my colleagues and learn about current research projects at Bayes. Hopefully, your brief research-stay will enable future collaborations between PUC-Rio and Bayes academics.

I look forward to hearing from you.

With best wishes,

Lilian M. de Menezes  
Prof Decision Sciences, Faculty of Management  
Associate Dean Diversity, Equity & Inclusion  
Bayes Business School (formerly Cass)  
106 Bunhill Row  
London EC1Y 8TZ  
[www.bayes.city.ac.uk](http://www.bayes.city.ac.uk)

#### Type of Mobility: Work Mission

- **Faculty Members Involved:** L Pessoa
- **Year:** 2023
- **Institution - Country / THE Ranking:** Universitat Pompeu Fabra / THE 176
- **Length of stay:** 20 days
- **Funding:** CAPES Print
- **Proof/Link:** <https://lattes.cnpq.br/6730686049255425>

#### Type of Mobility: Work Mission

- **Lecturers involved:** LF Scavarda
- **Year:** 2022
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Length of stay:** 15 days
- **Funding:** CAPES – PROBRAL
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

#### Type of Mobility: Work Mission

- **Lecturers involved:** LF Scavarda
- **Year:** 2021
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188

- **Length of stay:** 15 days
- **Funding:** CAPES – PROBRAL
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Type of Mobility:** Work Mission

- **Lecturers involved:** R Martinelli
- **Year:** 2023
- **Institution - Country / THE Ranking:** École Polytechnique de Montréal - Canada
- **Length of stay:** 14 days
- **Funding:** CAPES PrInt
- **Proof/Link:**



**Type of Mobility:** Work Mission

- **Faculty Members Involved:** R Caiado
- **Year:** 2023
- **Institution - Country / THE Ranking:** Universitat de Barcelona (UB) – Spain / THE 149
- **Length of stay:** 7
- **Funding:** Spain Grant PID2022-141597NA-I00 funded by MCIU/AEI/10.13039/501100011033
- **Additional Information:** Work mission and technical visit to the Universitat de Barcelona (UB) that involved participation in master's courses and involvement in the Quality by Design towards Safe and Sustainable by Design project in partnership with UB Business School
- **Proof/Link:** Follows the image Of letter Confirming the participation in Project (<https://web.ub.edu/en/web/hub-sostenibilitat/w/qualsimsnet>).

(Model orientatiu carta investigador estranger 2022)

I'm writing to confirm my intention to participate in the project named below, which has the following detail:

**Title:** Management and Implications of Quality by Design towards Safe and Sustainable by Design. The case of biopharma

**Principal Investigator (PI):** Vesna Savic

**Call:** Generación de Conocimiento (PID2022)

**Term:** 2023

I confirm my institutional address is:

**Organisation:** Department of Industrial Engineering, Pontifical Catholic University of Rio de Janeiro

**Address:** R. Marquês de São Vicente, 225 Gávea - Rio de Janeiro, RJ 22451-900

**First Name:** Rodrigo **Last name:** Caiado

**Nationality:** Brazilian **Passport number:** FU879776

date and signature:

Rodrigo Gonçalves G. Caiado  
01/20/2023

#### Type of Mobility: Work Mission

- **Faculty Members Involved:** R Caiado
- **Year:** 2024
- **Institution - Country / THE Ranking:** Universitat de Barcelona (UB) – Spain / THE 149
- **Length of stay:** 15
- **Funding:** CAPES Print
- **Additional Information:** Working mission to the Universitat de Barcelona (UB) that involved connecting with academics and research clusters; collaborating in the submission of Research Projects, such as the Horizon Europe Framework Programme (HORIZON), specifically the project "Safe, Resilient Transport and Smart Mobility services for passengers and goods" (HORIZON-CL5-2024-D6-01); sponsorship for Publication of Research Results, such as Business Strategy and the Environment, Corporate Social Responsibility and Environmental Management; and the possibility of participating as a co-Supervising Faculty Member in doctoral theses, especially from the Department of Industrial Engineering in collaboration with the Department of Economics and Business at UB.
- **Proof/Link:** <https://lattes.cnpq.br/3922452850648712>





CAPES – COORDENAÇÃO DE APERFEIÇOAMENTO DE PESSOAL DE NÍVEL SUPERIOR  
DRI - DIRETORIA DE RELAÇÕES INTERNACIONAIS  
**PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO DE JANEIRO**



## RELATÓRIO INDIVIDUAL DE EXECUÇÃO DA MISSÃO DE TRABALHO

### IDENTIFICAÇÃO

<b>1. IES/IP:</b>						
Pontifícia Universidade Católica do Rio de Janeiro						
<i>Instrução: Informar o nome da IES/IP cuja missão de trabalho estará vinculada.</i>						
<b>2. Tema:</b>						
Ciência de Dados: Fundamentos, Técnicas e Aplicações						
<i>Instrução: Informar o TEMA cuja missão de trabalho estará vinculada.</i>						
<b>3. Programa de Pós-Graduação (PPG):</b>						
Programa de Pós-Graduação em Informática da PUC-Rio (31005012004P9)						
<i>Instrução: Informar o PPG cuja missão de trabalho estará vinculada.</i>						
<b>4. Nome do Beneficiário do AUXPE:</b>						
Marco Antonio Casanova						
<i>Instrução: Informar o beneficiário do AUXPE cujo recurso da missão de trabalho será financiado.</i>						
<b>5. Dados do beneficiário da missão de trabalho (autor/agente da missão):</b>						
<table border="1"> <tr> <td><b>5.1. Nome:</b></td> <td><b>5.2. CPF:</b></td> <td><b>5.3. Telefone:</b></td> </tr> <tr> <td>Rodrigo Goyannes Gusmão Calado</td> <td>126.081.837-35</td> <td>55+(21) 9 9617-4939</td> </tr> </table>	<b>5.1. Nome:</b>	<b>5.2. CPF:</b>	<b>5.3. Telefone:</b>	Rodrigo Goyannes Gusmão Calado	126.081.837-35	55+(21) 9 9617-4939
<b>5.1. Nome:</b>	<b>5.2. CPF:</b>	<b>5.3. Telefone:</b>				
Rodrigo Goyannes Gusmão Calado	126.081.837-35	55+(21) 9 9617-4939				

## M) DISCIPLINES TAUGHT IN HEIS ABROAD

### Course Taught: Case study methodology

- **Faculty Members Involved:** AM Thome
- **Year:** 2023
- **Institution - Country / THE Ranking:** University of Münster - Germany
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>

### Course Taught: Systematic literature review

- **Faculty Members Involved:** AM Thome
- **Year:** 2022
- **Institution - Country / THE Ranking:** Asper Business School, University of Manitoba - Canada
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>

### Course Taught: Energy Transitions (LOG904)

- **Faculty Members Involved:** P Macaira, F Cyrino
- **Year:** 2023
- **Institution - Country / THE Ranking:** University of Molde - Norway
- **Proof/Link:** <http://lattes.cnpq.br/0348074510343282>

### Course Taught: Economics of Energy Value Chains (LOG776)

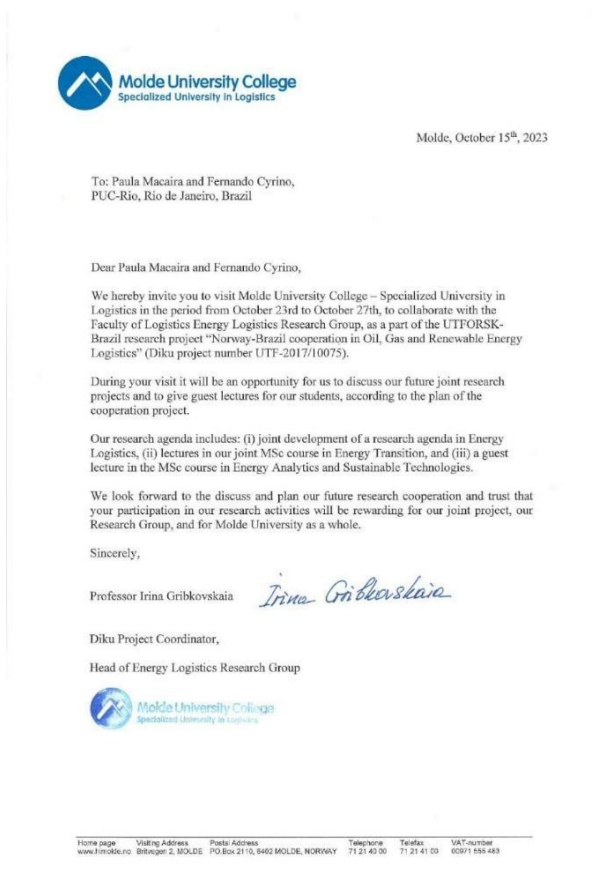
- **Faculty Members Involved:** P Macaira, F Cyrino
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Molde - Norway
- **Proof/Link:** <http://lattes.cnpq.br/0348074510343282>

### Course Taught: Energy Transitions (LOG904)

- **Faculty Members Involved:** P Macaira, F Cyrino
- **Year:** 2024
- **Institution - Country / THE Ranking:** University of Molde - Norway



- **Proof/Link:** <http://lattes.cnpq.br/0348074510343282>



**Lecture/Course Taught:** DS235 Business Analytics and Decision Modeling

- **Faculty Members Involved:** L Brandão
- **Year:** 2022-2024
- **Institution - Country / THE Ranking:** University of Texas at Austin, McCombs School of Business, United States / THE 52
- **Additional Information:** Executive Postgraduate Course
- **Proof/Link:** <https://www.mcombs.utexas.edu/faculty-and-research/faculty-directory/profile/?username=brandao>

**Course Taught:** STA-287 Business Analytics and Decision Modeling - Texas Executive MBA Program, EMBA 2022

- **Faculty Members Involved:** L Brandão
- **Year:** 2022
- **Institution - Country / THE Ranking:** University of Texas at Austin, McCombs School of Business, United States / THE 52
- **Additional Information:** Executive Postgraduate Course
- **Proof/Link:** <https://www.mcombs.utexas.edu/graduate/mba/executive-mba/>

**Course Taught:** Infrastructure Risk Management

- **Faculty Members Involved:** L Brandão
- **Year:** 2024

- **Institution - Country / THE Ranking:** Politecnico di Bari – Italy / THE 501
- **Additional Information:** Offering of a course as part of the University's "Short Master in Risk Management" course
- **Proof/Link:** <https://www.poliba.it/it/content/short-master-risk-management-risk>

**Lecture Given:** Hedging renewable energy investments with Bitcoin mining

- **Faculty Members Involved:** L Brandão
- **Year:** 2022
- **Institution - Country / THE Ranking:** University of Texas at Austin, McCombs School of Business, United States / THE 52
- **Additional Information:** ORIE Seminar Series
- **Proof/Link:** <https://www.mcombs.utexas.edu/graduate/mba/executive-mba/>

**Course Taught:** Supply Chain Logistics Management

- **Lecturers involved:** LF Scavarda
- **Years:** 2021- 2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional Information:** Offering the course as part of the University's VIP program
- **Proof/Link:** <https://www.wi.uni-muenster.de/de/institut/logistik/personen/luiz-felipe-scavarda-do-carmo/events>

**Course Taught:** Supply Chain Integration Practices

- **Lecturers involved:** LF Scavarda
- **Year:** 2023, 2024
- **Institution - Country / THE Ranking:** University of Münster - Germany / THE 188
- **Additional Information:** Offering the course as part of the University's VIP program
- **Proof/Link:** <https://www.wi.uni-muenster.de/de/studierende/lehrangebot/387222>

**Lecture Given:** "The Electric Capacitated Arc Routing Problem with Time-Dependent and Nonlinear Energy Consumption"

- **Lecturers involved:** R Martinelli
- **Year:** 2024
- **Institution - Country / THE Ranking:** Erasmus School of Economics (ESE) at Erasmus University Rotterdam (107)
- **Proof/Link:** <http://lattes.cnpq.br/6823993478179598>

**Course Taught:** Guest lecturer na Course Offshore Energy Logistics

- **Lecturers involved:** R Martinelli
- **Year:** 2023
- **Institution - Country / THE Ranking:** University of Molde - Norway
- **Proof/Link:** <http://lattes.cnpq.br/6823993478179598>

### 3.3.1 B) INTERNATIONALIZATION OF THE STUDENT BODY

Like the program's Faculty members, students also have an outstanding international performance, evidenced by awards and distinctions granted by renowned institutions and scientific societies. Among the recent achievements obtained by the students, there are awards and recognitions from scientific societies such as the Production and Operations Management Society (POMS) and the International Institute of Forecaster, international scientific conferences of great evidence for Production Engineering, such as IPSERA and POMS and the industrial sector, such as the company Siemens. The program has been attracting foreign students, having in the past quadrennium had students from countries such as Peru, Cuba, France, Germany, Norway, the United States and Israel, in addition to encouraging academic mobility through sandwich internships at institutions of international prestige, such as Aalto University, University of Strathclyde, University of Twente, Universitat de Barcelona, University of Munster, University of Edimburg, University of Montreal, Lawrence Berkeley National Laboratory and Georgia Institute of Technology. It also maintains double degree and co-tutorship programs, such as the partnership with NEOMA Business School.

#### A) ATTRACTION OF STUDENTS WITH UNDERGRADUATE DEGREES ABROAD

**Student:** Daniela Milagros Quenaya Mendoza

- **Relationship with the PPGE:** PhD student
- **Institution where he graduated:** UNSA (Universidad Nacional de San Agustín)
- **Country of Origin:** Peru

**Student:** Renato Jose Quiliche AltamirYear

- **Link with PPGE:** Master's student (completed) and now in the Doctorate
- **Institution where he graduated / THE Ranking:** Universidad Católica Del Perú / THE 1501+
- **Country of Origin:** Peru

**Student:** Frédéric Nicholas

- **Relationship with the PPGE:** PhD student
- **Institution where he graduated / THE Ranking:** University of Münster, Germany / THE 188
- **Country of Origin:** Germany

**Student:** Sleiman Jradi

- **Relationship with the PPGE:** PhD student
- **Institution where he graduated / THE Ranking:** Christopher Newport University (CNU) / Not listed in the Times Higher Education (THE) World University Rankings
- **Country of Origin:** Lebanon

**Student:** Gera Espinoza

- **Type of link with the PPGE:** Master's student
- **Institution where he graduated / THE Ranking:** Pontificia Universidad Católica del Perú / 1500+
- **Country of Origin:** Peru

**Student:** Yiselis Vignon

- **Type of link with PPGE:** Master's student (completed) and now in the Doctorate
- **Institution where he graduated / THE Ranking:** Universidad de Guantánamo / ....
- **Country of Origin:** Cuba

**Student:** Christian Kalla

- **Type of link with PPGE:** PhD student
- **Institution where he graduated / THE Ranking:** University of Münster, Germany) / THE 188
- **Country of Origin:** Germany

**Student:** Gera Lynn Ríos Espinoza

- **Type of link with the PPGE:** Master's student
- **Institution where he graduated / THE Ranking:** Pontificia Universidad Católica Del Peru / 1500+
- **Country of Origin:** Peru

**Student:** Carlos Alejandro Schery Diaz

- **Type of link with the PPGE:** Master's student
- **Institution where he graduated / THE Ranking:** Universidad de Holguin Oscar Lucero Moya
- **Country of Origin:** Cuba

**Student:** Yiselis Vignon

- **Type of link with the PPGE:** Master's student
- **Institution where he graduated / THE Ranking:** Universidad de Guantánamo
- **Country of Origin:** Cuba

**Student:** Haik Hovhannesian

- **Bond with PPGE:** exchange student (master's degree)
- **Institution where he graduated / THE Ranking:** University of Amsterdam / THE 58
- **Country of Origin:** Netherlands

**Student:** Auxence Thomas

- **Type of link with PPGE:** Exchange student (master's degree)
- **Institution where he graduated / THE Ranking:** INSA Toulouse - Institut National des Sciences Appliquées de Toulouse, France / 401-500
- **Country of Origin:** France

**Student:** Or Huber

- **Type of link with PPGE:** Exchange student (master's degree)
- **Institution where he graduated / THE Ranking:** Reichman University / 801-1000
- **Country of Origin:** Israel

**Student:** Alvaro Miguel Lorenzo Morillo

- **Type of link with PPGE:** Exchange student
- **Institution where he graduated / THE Ranking:** Pontificia Universidad Católica del Perú / 1500+
- **Country of Origin:** Peru

**Student:** Jakob Elias Relling

- **Type of link with PPGE:** Exchange student
- **Institution where he graduated / THE Ranking:** Norwegian University of Science and Technology / 301-350
- **Country of Origin:** Norway

**Student:** Manuel Berger

- **Type of link with PPGE:** Exchange student
- **Institution where he graduated / THE Ranking:** Hochschule Konstanz Technik Wirtschaft und Gestaltung / Not classified in THE
- **Country of Origin:** Germany

**Student:** Ole Remi Dahl

- **Type of link with PPGE:** Exchange student
- **Institution where he graduated / THE Ranking:** Norwegian University of Science and Technology / 301-350
- **Country of Origin:** Norway

## B) DOUBLE POSTGRADUATE DEGREE

**Student:** Sleiman Jradi

- **Type of link with the PPGE:** co-supervision of a doctorate in progress
- **PPGE Advisor:** Bruno Fânzeres
- **Overseas Partner Institution / THE Ranking:** NEOMA Business School / Not Listed in Times Higher Education (THE) World University Rankings
- **Country of Origin:** France

**Student:** Lucas Maddalena

- **Type of link with the PPGE:** co-supervision of a doctoral degree in referral
- **PPGE Advisor:** Fernanda Baião
- **Partner institution abroad / THE Ranking:** University of Twente / 180
- **Country of Origin:** Netherlands

**Student:** Mateus Peixoto

- **Type of link with the PPGE:** co-supervision of a doctoral degree in referral
- **PPGE Advisor:** Fernanda Baião
- **Partner institution abroad / THE Ranking:** University of Twente / 180
- **Country of Origin:** Netherlands

Also, during the 2021-2024 quadrennium, alignments were initiated to establish other double-degree agreements with the Universitat de Barcelona (student Dominik Neumann) and Universitat Pompeu Fabra / Spain (student Pedro Paixão Borges), benefiting other students who will carry out their doctoral training through these new agreements.

## C) MASTER'S OR SANDWICH DOCTORATE INTERNSHIPS ABROAD

**Student:** Maria Angélica Gomes da Silva

- **Type of work:** Sandwich doctoral internship abroad.
- **Institution - Country/ THE Ranking:** University of Strathclyde - THE 351 - 400/University of Edinburgh / THE 28
- **Period (mm/yyyy - mm/yyyy):** Dec/2023 to Nov/2024
- **Funding:** CAPES Procad Defesa.

**Student:** Luiza Ribeiro Alves Cunha

- **Type of work:** Sandwich doctoral internship abroad.
- **Instituição - País/ Ranking THE:** Università della Svizzera italiana - USI / THE 301-350
- **Period (mm/yyyy - mm/yyyy):** Feb/2020 to Jul/2020
- **Funding:** CAPES Procad Defesa.

**Student:** Felipe Neves Piancó

- **Type of work:** Sandwich master's internship abroad
- **Institution – Country/ THE Ranking:** Lawrence Berkeley National Laboratory (LBNL) / THE 8
- **Period (mm/yyyy - mm/yyyy):** 01/2023 – 01/2024 (12 months)
- **Funding:** Lawrence Berkeley National Laboratory (LBNL)

**Student:** André Carvalho de Felipe Ramos

- **Type of work:** Sandwich doctoral internship abroad.
- **Institution – Country/ THE Ranking:** Georgia Institute of Technology / THE 40
- **Period (mm/yyyy - mm/yyyy):** mai/2024 to out/2024
- **Funding:** Capes Print

**Student:** Lucas Gomes Maddalena

- **Type of work:** Sandwich master's internship abroad.
- **Institution/Country:** U. Twente/Netherlands
- **Institution – Country/ THE Ranking:** U. Twente – Netherlands / THE 180
- **Period (mm/yyyy - mm/yyyy):** Set/2023 to Nov/2023 (3 months)
- **Funding:** CAPES Print.

**Student:** Mateus da Rocha Peixoto

- **Type of work:** Sandwich master's internship abroad.
- **Year:** 2023
- **Institution – Country/ THE Ranking:** U. Twente – Netherlands / THE 180
- **Period (mm/yyyy - mm/yyyy):** Aug/2024 to out/2024 (3 months)
- **Funding:** CAPES Print.

**Student:** Raphael Bittencourt

- **Type of work:** Sandwich master's internship abroad
- **Institution – Country/ THE Ranking:** Aalto University - Finland / THE 196
- **Period (mm/yyyy - mm/yyyy):** out/2023
- **Funding:** Capes Print

**Student:** Bruno Duarte Azevedo

- **Type of work:** Sandwich doctoral internship abroad
- **Institution / THE Ranking:** University of Münster, Germany) / THE 188
- **Period:** 6 months
- **Funding:** CAPES PROBRAL

**Discent:** Lucas Ximenes Guilhon

- **Type of work:** Sandwich master's internship abroad
- **Institution – Country/ THE Ranking:** 125
- **Period (mm/yyyy - mm/yyyy):** 07/2024 – 10/2024
- **Funding:** MITACS / Canada
- **Additional information:** Four months at École Polytechnique de Montréal (University of Montréal) and Concordia University

**Student:** Iuri Martins Santos

- **Type of work:** Sandwich doctoral internship abroad
- **Institution – Country/ THE Ranking:** Aalto University – Finland / THE 149
- **Period (mm/yyyy - mm/yyyy):** Nov/2020 - Apr/2021
- **Funding:** CAPES/print

**Student:** Amanda de Araújo Batista da Silva

- **Type of work:** Sandwich doctoral internship abroad
- **Institution – Country/ THE Ranking:** Barcelona Institute for Global Health – ISGLOBAL – Spain. SGlobal is a consolidated center of excellence in research that emerged from work initially carried out in the health sector by the Hospital Clínic and the Parc de Salut MAR and in the academic sphere by the University of Barcelona (THE 34) and the Pompeu Fabra University (THE 176).
- **Period (mm/yyyy - mm/yyyy):** out/2023 - Apr/2024
- **Funding:** CAPES/print

**Student:** Luana Mesquita Carrilho

- **Type of work:** Sandwich doctoral internship abroad
- **Institution – Country/ THE Ranking:** Aalto University – Finland / THE 149
- **Period (mm/yyyy - mm/yyyy):** Sep/2023 - Oct/2023 and Sep/2024 - Nov/2024
- **Funding:** Aalto University

#### D) INTERNATIONAL STUDENT AWARDS

**Student:** Luiza Cunha

- **Type of Award:** Nada Sanders Emerging Economies Doctoral Student Award (EEDSA)
- **Year:** 2022
- **Faculty Members Involved:** Leiras
- **Institution/Event that awarded the award:** Production and Operations Management Society (POMS).
- **Proof/Link:** <https://vrac.puc-rio.br/cgi/cgilua.exe/sys/start.htm?infoid=1480&sid=21>

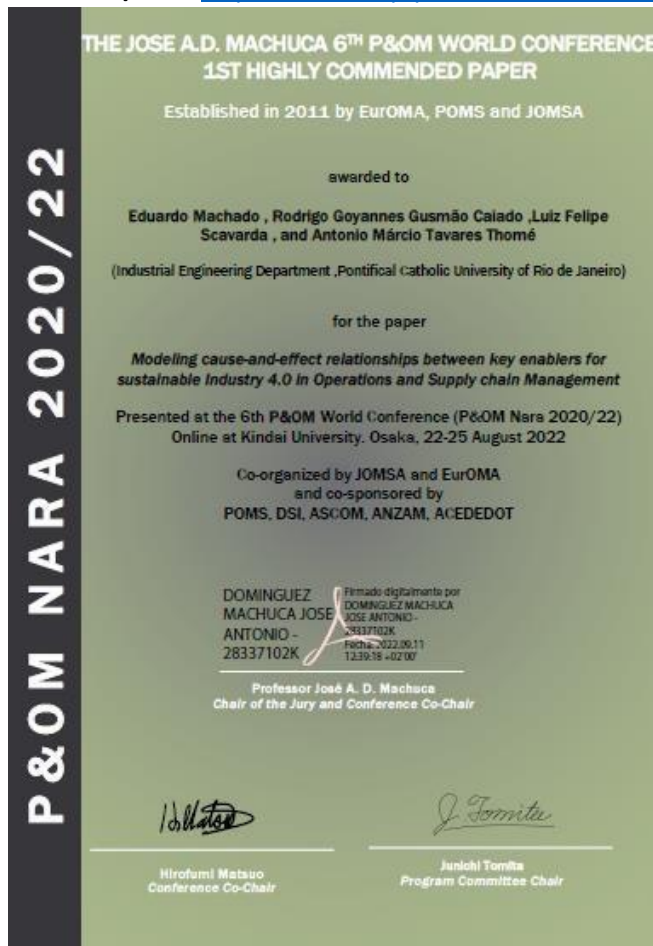
**Student:** Luiza Cunha



- **Type of Award:** Honorary Mention Best Doctoral Thesis Award
- **Year:** 2023
- **Faculty Members Involved:** Leiras
- **Institution/Event that awarded the award:** HUMLOG Institute -Hanken School of Economics (Finland).
- **Proof/Link:** <https://vrac.puc-rio.br/cgi/cgilua.exe/sys/start.htm?infoid=1480&sid=21>

**Student:** Eduardo Machado

- **Type of Award:** ADMachuca P&OM World Conference - First Highly Commended Paper
- **Year:** 2022
- **Faculty Members Involved:** RCaiado, LFScavarda, AMThome
- **Institution/Event that awarded the award:** Production and Operations Management Society (POMS)
- **Additional information:** POMS is one of the largest and most prestigious international scientific societies of Production Engineering (Operations Management theme) - <https://www.poms.org/>. The award is associated with the article that is part of Eduardo Machado's doctoral research entitled "Modeling cause-and-effect relationships between key enablers for sustainable Industry 4.0 in Operations and Supply Chain Management" presented and published at The 6th World Conference on Production and Operations Management – P&OM 2022 (2020).
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>



**Students:** Laura Bandeira de Melo (team leader), Katsuo Homma

- **Type of Award:** Project vencedor ( 'OG2OW: Recommissioning Oil & Gas Platforms to Offshore Wind Energy') do Universities for Goal 13: A Student Competition for Climate Solutions Hosted by SDSN and Siemens Energy
- **Year:** 2024
- **Faculty Members Involved:** F Baião, P Macaira, F. Cyrino Oliveira

- **Award-winning institution:** UN Sustainable Development Solutions Network (SDSN) and Siemens Gamesa
- **Additional information:** Winning project team, which included 3 Faculty members and 2 master's students from PPGE (Laura Melo being the team leader and supervised by Profs. Paula Maçaira and Fernanda Baião), as well as Scientific Initiation students and collaborators from other departments of PUC-Rio
- **Proof/Link:**
  - <https://www.unsdsn.org/our-work/universities-for-goal-13-a-student-competition-for-climate-solutions-hosted-by-sdsn-and-siemens-energy/>
  - <https://www.unsdsn.org/news/sdsn-and-siemens-gamesa-announce-og2ow-recommissioning-oil-and-gas-platforms-to-offshore-wind-energy-as-the-winner-of-the-universities-for-goal-13-competition/>
  - <https://enercons.com.br/iniciativa-da-puc-rio-conquista-premio-internacional-com-solucoes-innovators-in-circular-energy/>

**Student:** Luiza Magalhães Prado Braga

- **Type of Award:** Student Award - International Institute of Forecasters
- **Year:** 2024
- **Faculty Members Involved:** FCyrino
- **Institution/Event that awarded the award:** International Institute of Forecasters
- **Additional information:** Select certification program of courses in the area of Time Series & Forecasting, certified by the International Institute of Forecasters.
- **Proof/Link:** <https://forecasters.org/programs/research-awards/students/>

**Student:** Matheus da Rocha Peixoto

- **Type of Award:** Student Award - International Institute of Forecasters
- **Year:** 2023
- **Faculty Members Involved:** FCyrino
- **Institution/Event that awarded the award:** International Institute of Forecasters
- **Additional information:** Select certification program of courses in the area of Time Series & Forecasting, certified by the International Institute of Forecasters.
- **Proof/Link:** <https://forecasters.org/programs/research-awards/students/>

**Student:** Jéssica Villar de Assumpção

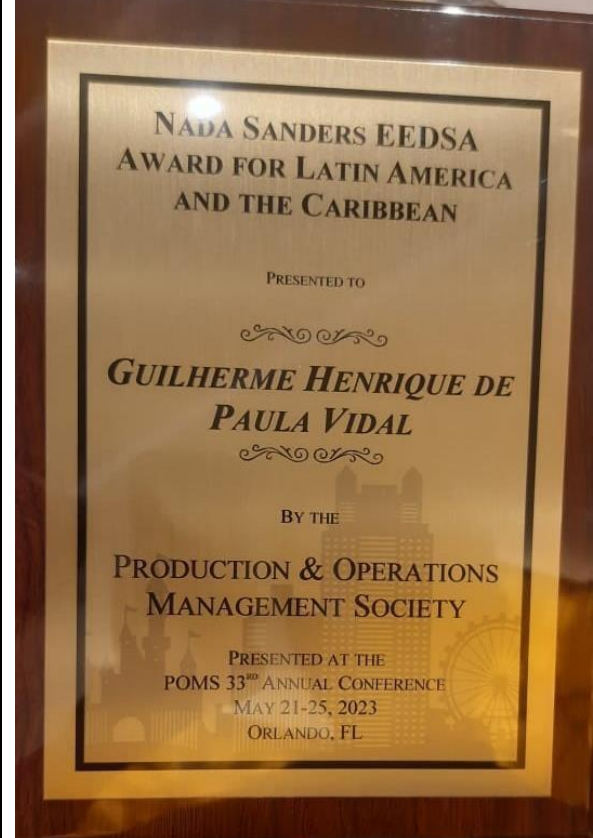
- **Type of Award:** Student Award - International Institute of Forecasters
- **Year:** 2022
- **Faculty Members Involved:** FCyrino
- **Institution/Event that awarded the award:** International Institute of Forecasters
- **Additional information:** Select certification program of courses in the area of Time Series & Forecasting, certified by the International Institute of Forecasters.
- **Proof/Link:** <https://forecasters.org/programs/research-awards/students/>

**Student:** Fernanda Nucci

- **Type of Award:** Student Award - International Institute of Forecasters
- **Year:** 2020
- **Faculty Members Involved:** Reinaldo Castro
- **Institution/Event that awarded the award:** International Institute of Forecasters
- **Additional information:** Select certification program of courses in the area of Time Series & Forecasting, certified by the International Institute of Forecasters.
- **Proof/Link:** <https://forecasters.org/programs/research-awards/students/>

**Student:** Guilherme Henrique de Paula Vidal

- **Type of Award:** EEDSA Award - Nada Sanders Emerging Economies Doctoral Student Award for Latin America and the Caribbean
- **Year:** 2023
- **Faculty Members Involved:** LF Scavarda, R Caiado
- **Institution/Event that awarded the award:** Production and Operations Management Society (POMS)
- **Additional information:** POMS is one of the largest and most prestigious international scientific societies of Production Engineering (Operations Management theme) - <https://www.poms.org/>
- **Proof /Link:**

	<p><b>POMS</b> PRODUCTION AND OPERATIONS MANAGEMENT SOCIETY AN INTERNATIONAL SOCIETY OF ENGINEERS AND OPERATIONS MANAGEMENT SPECIALISTS IN PRODUCTION AND OPERATIONS MANAGEMENT</p> <p>POMS 2023-Thirty-third Annual Conference, Orlando, FL, USA, May 21 - 25, 2023 <i>Fostering a Better and Smarter World with POM</i></p> <p>March 16, 2023</p> <p>Dear Guilherme Henrique de Paula Vidal,</p> <p>Thank you for applying for the Nada Sanders Emerging Economies Doctoral Dissertation Award for Latin America and the Caribbean region. We appreciate your application and are delighted to inform you that you have been selected as an award recipient. Congratulations!</p> <p>Your impressive application was reviewed by five judges, all of whom are accomplished Operations Management scholars who have international experience. I also carefully reviewed your application. The judges ranked each candidate's extended conference abstract and curriculum vitae (CV) based on the following criteria. I aggregated the scores and the top point earner(s) in each region received the scholarship award.</p> <p>Criteria: "To receive the award, a Ph.D. student must demonstrate evidence of substantial promise as a scholar in an Operations Management related field. The award will go to the student who demonstrates the greatest promise as judged by the committee members."</p> <p>You will receive a travel grant to attend the Production and Operations Management Society's 2023 Thirty-third Annual Conference in Orlando, FL, USA on May 21 - 25, 2023. The theme this year is "Fostering a Better and Smarter World with POM."</p> <p>Your monetary award can be used to reimburse up to \$1,000 (US) upon submission of receipts. Please note that an institution (university or corporation) may sponsor a student with a commitment to partially fund the cost of travel from abroad to the USA.</p> <p>Please contact Professor Sushil Gupta regarding next steps. Also, please send him a digital photograph (headshot) to be printed in the program book. Professor Gupta is copied on this email and can be reached at <a href="mailto:sgupta@fiu.edu">sgupta@fiu.edu</a>.</p> <p>Again, congratulations! We look forward to seeing you in Orlando!</p> <p>Sincerely,</p> <p>David Dobrzykowski, PhD 2023 POMS EEDSA Awards Chair Associate Professor &amp; Director - Walton College Healthcare Initiatives JB Hunt Transport Department of Supply Chain Management Sam M. Walton College of Business University of Arkansas Past President, POMS College of Healthcare Operations Management</p> <p><small>Executive Office - Production and Operations Management Society 6005, College of Business Administration, Florida International University 835 250, 11200 S.W. 8th Street, Miami, Florida 33199, U.S.A. Phone: 305 548 1415; Fax: 305 548 4126; E-mail: <a href="mailto:secret@fiu.edu">secret@fiu.edu</a>; Web Page: <a href="http://www.poms.org">www.poms.org</a></small></p>
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**Student:** Yiselis Rodriguez Vignon

- **Type of award:** Winner of the Award Grant "Rebecca Arkader" Latin American Bursary 2024.
- **Year:** 2024
- **Faculty Members Involved:** R Caiado, F Cyrino
- **Institution/Event that awarded the award:** 33rd IPSERA Conference (Rio de Janeiro, Brazil).
- **Additional information:** international event organized by the International Purchasing and Supply Education and Research Association (IPSERA), being one of the most prestigious and rigorous in Operations Management.
- **Proof / Link:**

#### Fw: IPSERA "Rebecca Arkader" LatAM Bursary Result 2024

Yiselis Rodriguez Vignon <yiselis.r@yahoo.com> Mon, Jan 22, 2024 at 2:40 PM  
 To: Rodrigo Caiado <rodrigocaiado@puc-rio.br>, Rodrigo Goyannes Gusmão Caiado <rodrigocaiado@tecgraf.puc-rio.br>, Fernando Cyrino <cyrino@puc-rio.br>

----- Mensaje reenviado -----

De: ipsera2024@ipsera.com <ipsera2024@ipsera.com>  
 Para: "yiselis.r@yahoo.com" <yiselis.r@yahoo.com>  
 CC: "lmarques@audencia.com" <lmarques@audencia.com>  
 Enviado: lunes, 22 de enero de 2024, 02:04:59 p. m. GMT-3  
 Asunto: IPSERA "Rebecca Arkader" LatAM Bursary Result 2024

Dear Yiselis Rodriguez Vignon,

Thank you for your application to the IPSERA "Rebecca Arkader" LatAM Bursary 2024.

IPSERA is committed in supporting young researchers develop at their utmost potential and we are convinced that participating in IPSERA events are great learning opportunities not only for doctoral student but also are key for advancing PSM research and enrich our IPSERA community as well. This year, besides the regular IPSERA bursaries we have offered a specific bursary for LatAM PhD students.

Your application was reviewed by the bursaries and Rio 24 Organising Committee, and you have been selected for bursary allocation, congratulations!

With this, the IPSERA LatAM bursary we will cover:

Reduced-fee conference registration= 200 euros (therefore, a total of zero cost for registration)

Additional expenses = 200 euros

[total 400 Euros].

Please contact ipsera2024@ipsera.com for any inquiry regarding reimbursement processes. Do not forget to keep your receipts and invoices with your name on them.

If, for any reason, you will not be accepting the bursary, please let us know so we can reassign it to another applicant.

We wish you a great IPSERA 2024 conference experience.

Yours sincerely,

IPSERA Rio 24 Organising Committee



### 3.3.1 C) INTERNATIONAL INSERTION AND INSTITUTIONAL ACTIONS OF THE PROGRAM AIMED AT INTERNATIONALIZATION

PPEGEP/PUC-Rio has strengthened its international operations through several formal strategic collaborations with renowned institutions, such as the University of Münster (Germany), Universitat de Barcelona (Spain), Ade University of Manitoba (Canada), Aalto University (Finland), Oxford (England) and Georgia Institute of Technology (USA), promoting the exchange of Faculty members and students (double meaning: Brazil -> abroad & abroad > Brazil), joint projects and shared disciplines and orientations. The program's involvement in research funded by international agencies, such as NASEM (National Academies of Sciences, Engineering, and Medicine, USA) and the Bill and Melinda Gates Foundation and Wellcome Trust (UK), demonstrates its global impact on topics of great social impact, such as humanitarian logistics, disaster resilience, health, and sustainability. In addition, PPEGEP attracts foreign researchers for postdoctoral studies, receives visiting Faculty members and has expanded double degree and co-supervision agreements, allowing for integrated academic training. The offering of courses in English, the participation of international Faculty members in master's and doctoral committees and the organization of international events such as the IPSERA Conference, IJCIEOM, TAI and SOMA, all held at PUC-Rio, reinforce the global visibility of the program.

#### A) PARTICIPATION IN GRADUATE PROGRAMS IN INTERNATIONAL NETWORKS

In this type of action, only formal partnerships were considered, with networks with more than 2 institutions abroad, and involving the exchange of Faculty members and students, joint sponsored projects, co-supervision and shared disciplines.

**Institution / THE Ranking:** University of LugYear (Switzerland)/ THE 301-350

- **Faculty Members Involved:** Leiras
- **Year:** since 2013

- **Activities:** Faculty and student exchanges, joint sponsored projects
- **Funding:** CAPES, FAPERJ
- **Other universities involved:** USP (Brazil)
- **Proof/Link:** <http://lattes.cnpq.br/4328862635118427>

**Institution/ranking THE:** Aalto University (Finland) / THE 149

- **Faculty Members Involved:** A Leiras, B Fanzeres Santos, S Hamacher
- **Year:** since 2018
- **Activities:** Exchange of Faculty members and students, joint sponsored projects, shared disciplines.
- **Funding:** Aalto University, CAPES, FAPERJ
- **Other universities involved:** University of Edinburgh
- **Proof/Link:** <http://lattes.cnpq.br/4328862635118427>

**Institution/ranking THE:** Universitat de Barcelona / THE 149

- **Faculty Members Involved:** AM Thomé, LF Scavarda, R Caiado
- **Year:** since 2023
- **Activities:** Exchange of Faculty members and students, joint sponsored projects, shared disciplines.
- **Funding:** CAPES, CNPq, FAPERJ, Universitat Barcelona.
- **Other universities involved:** UFF (Brazil), Jaén (Spain), Derby (England)
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>

**Institution/ranking THE:** University of Münster - Germany /THE 188

- **Faculty Members Involved:** AM Thomé, LF Scavarda, R Caiado, F Baião
- **Year:** since 2005
- **Activities:** Exchange of Faculty members and students, joint sponsored projects, shared disciplines, etc...
- **Funding:** University of Münster, CAPES, CNPq, DAAD, DFG, FAPERJ
- **Other universities involved:** UFSCAR (Brazil), UNIRIO (Brazil), UNIMEP (Brazil), University of Dortmund (Germany) and Fraunhofer IML (Germany)
- **Proof/Link:** [https://lattes.cnpq.br/1568432165307483https://wwws.cnpq.br/cvlattesweb/PKG\\_MENU.menu?f\\_cod=A8CEFF325B5260DE6EAC2973D7CAF2BA](https://lattes.cnpq.br/1568432165307483https://wwws.cnpq.br/cvlattesweb/PKG_MENU.menu?f_cod=A8CEFF325B5260DE6EAC2973D7CAF2BA)

**Institution / THE Ranking:** Asper Business School, University of Manitoba - Canada / THE 401 – 500

- **Year:** 2019 - 2022
- **Faculty Members Involved:** AM Thomé, L.F. Scavarda
- **Activities:** Exchange of Faculty members and students, joint sponsored projects, shared disciplines, etc...
- **Funding:** University of Manitoba, FAPERJ, CNPq
- **Other universities involved:** University of Fortaleza (Brazil), EXCELIA Business School (France), UNISINOS (Brazil)
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>

**Institution / THE Ranking:** Georgia Institute of Technology / THE 40

- **Faculty Members Involved:** A Street, B Fanzeres Santos, D Valladão
- **Year:** since 2018
- **Activities:** Exchange of Faculty members and students, joint sponsored projects.



- **Funding:** CAPES, Georgia Institute of Technology
- **Proof/Link:** <http://lattes.cnpq.br/3039810881707324>

**Institution / THE Ranking:** Molde University College – Specialized University in Logistics (MUC)

- **Year:** 2017-2021
- **Faculty Members Involved:** F Cyrino Oliveira, B Fanzeres Santos, R Martinelli, L Pessoa, P Maçaira, S Hamacher
- **Activities:** Exchange of Faculty members and students, joint sponsored project, shared disciplines.
- **Funding:** The Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (Diku)
- **Additional information:** The project establishes a sustainable Norway-Brazil collaboration in education and research in Oil, Gas and Renewable Energy Logistics (OGREL) between Molde University College – Specialized University in Logistics (MUC) and Pontifical Catholic University of Rio de Janeiro (PUC-Rio), in cooperation with oil, gas and renewable energies industry.
- **Other institutions involved:** UFRJ, Petrobras, Statoil
- **Proof/Link:** <https://www.himolde.no/english/research/projects/utf-brazil/>

**Institution / THE Ranking:** OXFORD / THE Ranking 1

- **Faculty Members Involved:** S Hamacher, I Peres, L Bastos
- **Year:** 2024-Current
- **Activities:** Exchange of Faculty members and students, joint sponsored projects.
- **Funding:** Bill and Melinda Gates, Foreign, Commonwealth & Development Office of the Government of Great Britain and Wellcome Trust.
- **Additional information:** Notícia no site oficial do ISARIC: <https://isaric.org/towards-rapid-and-secure-sharing-of-epidemiological-and-clinical-data-to-tackle-emerging-infectious-diseases/>
- **Other institutions involved:** Global.health, Fiocruz, ISARIC (International Severe Acute Respiratory and emerging Infection Consortium)
- **Proof/Link:** <https://isaric.org/towards-rapid-and-secure-sharing-of-epidemiological-and-clinical-data-to-tackle-emerging-infectious-diseases/>

## B) PARTICIPATION IN RESEARCH PROJECTS IN COLLABORATION WITH INTERNATIONAL FUNDING

**Project:** Enhancing Disaster Resilience through Collaborative Humanitarian Logistics

- **Year:** 2024-2024
- **PPEGEP Faculty Members Involved:** A. Leiras
- **Funding Institutions (Country):** NASEM (National Academies of Sciences, Engineering, and Medicine), EUA.
- **Additional Information:** LAC Connections Fellowship. Funding for the start of a collaboration with the Universidad del Norte (Barranquilla, Colombia)
- **Proof/Link:** <https://www.instagram.com/p/C-Di3ZwpE02/?igsh=NDVmZnl1MWFmYzF3> | <http://lattes.cnpq.br/4328862635118427>

**Project:** SOMA - Summer Schools in Humanitarian Operations Management

- **Year:** 2023-2025
- **PPEGEP Faculty Members Involved:** A. Leiras
- **PPGEP students involved:** M A G Silva, D M Q Mendoza, R J Q AltamirYear, M A Ramos, in addition to graduates (L R A Cunha, F N Oliveira, B F O Cardoso)
- **Funding Institutions (Country):** Finnish National Agency for Education (EDUFI) through the Team Finland Knowledge program, Finland.
- **Proof/Link:** <https://valtionavustukset.oph.fi/avustushaku/415/nayta?avustushaku=415&hakemus=ac71a78294801352>

[caddb23eb03b6f3f6e0be2837af0972f81a7c4000cf3de66&lang=fi&preview=true&token=eafef6ba867afc0a28cf5b686ede13da89ebf11fa5d400e8b8146d402a934b49&refuse-grant=true&modify-application=false](https://caddb23eb03b6f3f6e0be2837af0972f81a7c4000cf3de66&lang=fi&preview=true&token=eafef6ba867afc0a28cf5b686ede13da89ebf11fa5d400e8b8146d402a934b49&refuse-grant=true&modify-application=false)

**Project:** Supply Chain Sustainability Trajectories

- **Period (start year – end year):** 2019-2022
- **PPEGEP Faculty Members Involved:** Antonio Márcio Tavares Thomé (AM Thomé)
- **PPGEP students involved:** Eduardo Machado, Allan Martins Cormack
- **Financiador:** University of Manitoba
- **Proof/Link:** <http://lattes.cnpq.br/1568432165307483>

**Project:** Effectiveness of COVID-19 Vaccination in Brazil Using Mobile Data (ICODA Grand Challenge)

- **Year:** 2021-2022
- **PPEGEP Faculty Members Involved:** S Hamacher, F Baiao, P Macaira
- **PPGEP students involved:** Leonardo Bastos, Igor Peres, Lucas Maddalena, Jessica Villar, Amanda Batista, Bianca Antunes, Paulo Henrique Simões
- **Funders:** Bill and Melinda Gates Foundation (USA)
- **Additional Information:** Winning project of the "ICODA Grand Challenge - COVID-19 Data Science initiative", contracted by a global collaboration of research organizations funded by the Bill and Melinda Gates Foundation. The objective of this project was to use data science to evaluate the effectiveness of vaccination and the dynamics of pandemic control considering the socioeconomic and demographic aspects of Brazil.
- **Proof/Link:** <https://icoda-research.org/project/dp-effect-brazil/>

**Project:** Norway-Brazil cooperation in Oil, Gas and Renewable Energy Logistics (OGREL)

- **Year:** 2017 – 2021
- **PPEGEP Faculty Members Involved:** Silvio Hamacher, Rafael Martinelli, Fernando Cyrino, Bruno Fânzeres, Luciana Pessôa, Paula Maçaira
- **PPGEP students involved:** Victor Abu, Isabella Fischer.
- **Funders (country):** Government of Norway (UTFORSK-project)
- **Additional information:** The project establishes a sustainable Norway-Brazil collaboration in education and research in Oil, Gas and Renewable Energy Logistics (OGREL) between Molde University College – Specialized University in Logistics (MUC) and Pontifical Catholic University of Rio de Janeiro (PUC-Rio), in cooperation with oil, gas and renewable energies industry.
- **Proof/Link:** <https://www.himolde.no/english/research/projects/utf-brazil/>

**Project:** ISARIC 3.0: Strengthening The Global Clinical Research Ecosystem For Epidemic And Pandemic Prevention And Preparedness

- **Year:** 2024 - Current
- **PPEGEP Faculty Members Involved:** S Hamacher, I Peres, L Bastos
- **PPGEP students involved:** Amanda Batista, Hanna Brandão
- **Funding Institutions (Country):** Foreign, Commonwealth and Development Office (FCDO, UK), a Welcome Trust e a Fundação Bill e Melinda Gates
- **Additional Information:** This project aims to significantly enhance preparedness and clinical research in infectious diseases with epidemic and pandemic potential. Starting in 2024, the project focuses on improving research capacity in low-and-middle income countries and generating quality research and evidence, in an agile and ready to be conducted and used in crisis situations. The project is in the context of the ISARIC 3.0 mega-project, led by the International Severe Acute Respiratory and emerging Infection Consortium (ISARIC - <https://isaric.org/>), which is an international consortium started in 2011 and currently formed by more than 60 research networks located in more than 70 countries. The objective of ISARIC is to prevent diseases and



Deaths caused by infectious disease outbreaks from the rapid generation of responses based on clinical evidence, being a global federation of clinical research networks. The PUC-Rio team, in collaboration with FIOCRUZ, is responsible for generating methodologies, models, and tools that facilitate data analysis in the context of the ISARIC Clinical Epidemiology Platform and that can be used for different studies (epidemics, contexts, health systems) in an open source and scalable analytics manner.

- **Proof/Link:** Cadastro Project na King's College: <https://kclpure.kcl.ac.uk/portal/en/projects/isaric-30-strengthening-the-global-clinical-research-ecosystem-fo> ; Notícia no site oficial do ISARIC: <https://isaric.org/towards-rapid-and-secure-sharing-of-epidemiological-and-clinical-data-to-tackle-emerging-infectious-diseases/>

**Project:** Vaccine Survey in Maré: Real-world vaccination coverage in a vulnerable community (Maré Vaccine - Children and Adolescents)

- **Year:** 2023 - 2024
- **PPEGEP Faculty Members Involved:** L Bastos, S Hamacher
- **PPGEP students involved:** Amanda Batista
- **Promotores (country):** Center for Disease Control (CDC, USA)
- **Additional Information:** This project aims to evaluate the actual vaccination coverage for children and adolescents in Maré, in Rio de Janeiro (RJ), one of the largest favelas in the country. In addition, the reasons for non-adherence and the association between social determinants and vaccination coverage will be explored. Specific objectives include estimating vaccination coverage, evaluating primary care access proxies, analyzing adherence to the vaccination schedule, and proposing an action plan to increase vaccination coverage. About 1400 children and adolescents participated in the study. This research demonstrates a collaborative effort between academia, NGOs, and public health authorities, presenting a promising model for addressing immunization challenges in vulnerable urban populations.
- **Proof/Link:** <https://www.vacinamare.org.br/vacina-mare-criancas-adolescentes-fiocruz>

**Project:** Maré Cohorts

**Year:** 2021 - 2023

- **PPEGEP Faculty Members Involved:** S Hamacher, L Bastos, I Peres
- **PPGEP students involved:** Amanda Batista
- **Funding Institutions (Country):** Fundação Bill and Melinda Gates, Health Data Research (UK), Wellcome Trust
- **Additional Information:** This project seeks to establish and follow up over two years two cohorts of Maré residents to respond to COVID-19 issues. Cohort 1 has about 6000 people and aimed to evaluate the direct (effectiveness) and indirect effect of the vaccination strategies in use in the territory of Maré against confirmed symptomatic SARS-CoV-2 infection. Cohort 2 has about 1000 participants and sought to assess the burden of COVID-19 sequelae in a vulnerable population in Rio de Janeiro, emphasizing the socioeconomic impact of COVID-19 and the burden of mental illness associated with pandemics.
- **Proof/Link:** <https://www.vacinamare.org.br/> ; Pathfinder – The Global health Network (Project Systematization): <https://lac.tghn.org/pathfinder-projects-en/vacina-mare/>

**Project:** Application of an Antimicrobial Stewardship Program in Brazilian ICUs Using Machine Learning Techniques and an Educational Model

- **Year:** 2022 - 2023

- **PPEGEP Faculty Members Involved:** S Hamacher, L Bastos
- **PPGEP students involved:** Bianca Antunes, L Sant'Anna
- **Funding Institutions (Country):** Pfizer Global Medical Grants (GMG) - Quality Improvement (Pfizer International, USA)
- **Additional Information:** This project aims to reduce the consumption of antibiotics, improve treatment and reduce microbial resistance, benefiting patients and hospitals. A tool was developed based on data from 10 hospitals in a private network, with more than 100 thousand admissions per year, and more than 150 thousand records of microbiology exams. It was one of the 12 projects selected during the international Pfizer Global Medical Grants. Some results were presented at ESCMID 2024 in Barcelona.
- **Proof/Link:** Registration of the project on a partner site:  
<https://mentalhealth.networkofcare.org/Lake/CommunityResources/ClinicalTrials/Detail/NCT05312034?keyword=%22Antimicrobial%22>

**Project:** Healthcare Mobility - an optimization approach

- **Year:** 2021 – 2022
- **PPEGEP Faculty Members Involved:** L Pessoa
- **PPGEP students involved:** R Bittencourt
- **Funding Institutions (Country):** Planetary Wellbeing initiative, Universitat Pompeu Fabra.
- **Additional Information:** International team from Spain, Portugal, Brazil and South Africa.
- **Proof/Link:** <https://www.upf.edu/web/centre-planetary-wellbeing/call-for-funding-2021>

**Project:** Consolidation of current research streams on SCI and perspectives for future research

- **Year:** 2023
- **PPEGEP Faculty Members Involved:** Antonio Márcio Tavares Thomé (AM Thomé), Luiz Felipe Roris Rodriguez Scavarda Do Carmo (L.F. Scavarda), Rodrigo Goyannes Gusmão Caiado (R. Caiado)
- **PPGEP students involved:** Celso dos Santos Matoso Lopes, Maryele Vieira de Arruda Benites
- **Financiador:** Project Funding from the WWU Internationalisation Fund.
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Project:** Theoretical understanding and practical implementation guidance for S&OP

- **Years:** 2019 - 2022
- **PPEGEP Faculty Members Involved:** Antonio Márcio Tavares Thomé (AM Thomé), Luiz Felipe Roris Rodriguez Scavarda Do Carmo (L.F. Scavarda)
- **PPGEP students involved:** Marcelo Xavier Seeling, Bruno Duarte Azevedo
- **Financiers:** CAPES (Brazil) and DAAD (Germany)
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Project:** Sales and Operations Planning meets Enterprise Architecture Management

- **Years:** 2018 - 2025
- **PPEGEP Faculty Members Involved:** Luiz Felipe Roris Rodriguez Scavarda Do Carmo (L.F. Scavarda)
- **PPGEP students involved:** Marcelo Xavier Seeling, Bruno Duarte Azevedo, Maryele Vieira de Arruda Benites
- **Funder:** University of Munster
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

**Project:** Quality by Design towards Safe and Sustainable by Design

- **Year:** 2023-2024
- **PPEGEP Faculty Members Involved:** R. Caiado
- **Funders (country):** Spain Grant PID2022-141597NA-I00 funded by MCIU/AEI/10.13039/501100011033.

- **Additional Information:** Partnership with the Universitat de Barcelona
- **Proof/Link:** <http://lattes.cnpq.br/3922452850648712>

### C) ATTRACTION OF FOREIGN RESEARCHERS FOR POSTDOCTORAL STUDIES

**Researcher:** Soraida Aguillar

- **Country of origin:** Colombia
- **Year:** 2022
- **Funding:** CAPES PNPD
- **Additional Information:** Under the supervision of Faculty member Fernando Luiz Cyrino Oliveira.
- **Proof/Link:** <http://lattes.cnpq.br/0348074510343282>

**Researcher:** Dr. Tobias Kreuter

- **Country of origin:** Germany
- **Year:** 2022
- **Funding:**
- **Additional Information:** Under the supervision of Faculty member Luiz Felipe Scavarda
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

### D) ATTRACTION OF RESEARCHERS AND VISITING FACULTY MEMBERS

**Visiting researcher:** Douglas Alem

- **Home Institution/ THE Ranking:** University of Edinburgh / THE 28
- **Length of stay:** 16/08 to 06/09/2024
- **Year:** 2024
- **Funding:** CAPES Print
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)

**Visiting researcher:** Bruno Silvestre

- **Home Institution / THE Ranking:** University of Manitoba (Canada)/THE 401-500
- **Length of stay:** 1 month
- **Year:** 2023
- **Funding:** University of Manitoba
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)
- **Additional Information:** Dean of Asper Business School

**Visiting researcher:** Minelle Silva

- **Home Institution / THE Ranking:** University of Manitoba (Canada)/THE 401-500
- **Length of stay:** 1 week
- **Year:** 2024
- **Funding:** University of Manitoba
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)
- **Additional Information:** Associate Faculty member

**Visiting researcher:** Leonardo Marques

- **Institution of origin:** Audencia Business School – Nantes (France)
- **Length of stay:** 2 months
- **Year:** 2024
- **Funding:** IPSERA (International Purchasing & Supply & Education & Research Association) e CAPES Print
- **Additional Information:** Associate Faculty member and President of IPSERA
- **Proof/Link:** <https://ipsera2024.com/>

#### Visiting researcher: Rui Soucasaux Sousa

- **Institution of origin/ THE Ranking:** Catholic University of Portugal (Portugal) / THE 801-1000
- **Length of stay:** 1 month
- **Year:** 2023
- **Funding:** Catholic University of Portugal
- **Proof/Link:** <https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/>

#### Visiting Researcher: Prof. Giancarlo Guizzardi

- **Institution of origin/ THE ranking:** University of Twente / 180
- **Length of stay:** 1 week
- **Year:** 2024
- **Funding:** University of Twente
- **Additional Information:** Lectures and meetings with a research group
- **Proof/Link:**



#### Visiting researcher: Lilian de Menezes

- **Institution of origin/ THE Ranking:** City, Univ London, England. THE 351
- **Length of stay:** 1 month
- **Year:** 2023
- **Funding:** CAPES Print
- **Proof/Link:** <https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/>

- **Additional Information:** Vice Dean of Diversity, Equity and Inclusion. Discipline taught to doctoral students.

**Visiting Researcher:** Ulrich Gunter

- **Home/Origin Institution/ THE Ranking:** Modul University Vienna
- **Length of stay:** 1 month
- **Year:** 2024
- **Financing:** Own resources
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics/highlights/international-insertion/visiting-researchers/)

**Visiting Researcher:** Josephine Bourner

- **Institution of origin / THE Ranking:** University of Oxford / THE #1 Ranking
- **Length of stay:** 5 days
- **Year:** 2024
- **Funding:** ISARIC Project
- **Additional Information:** Work mission for the elaboration of clinical trial projects in Dengue in South America, in partnership with FIOCRUZ, in the context of ISARIC 3.0.
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics/highlights/international-insertion/visiting-researchers/)

**Visiting Researcher:** Dhiraj Motilal Agarwal

- **Home Institution/ THE Ranking:** Hospital Research Centre
- **Length of stay:** 12 days
- **Year:** 2023
- **Funding:** ISARIC Project
- **Additional Information:** Visit scheduled by the ISARIC Fellowship with the partnership PUC-Rio and FIOCRUZ, in the context of the ISARIC 3.0 project.
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics/highlights/international-insertion/visiting-researchers/)

**Visiting Researcher:** Jayakayatri Jeevajothei Nathan

- **Home Institution/ THE Ranking:** University of Malaya / THE Ranking #251–#300
- **Length of stay:** 12 days
- **Year:** 2023
- **Funding:** ISARIC Project & ISARIC Fellowship Program
- **Additional Information:** Visit scheduled by the ISARIC Fellowship with the partnership PUC-Rio and FIOCRUZ, in the context of the ISARIC 3.0 project.
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics/highlights/international-insertion/visiting-researchers/)

**Visiting Researcher:** Laura Merson

- **Institution of origin / THE Ranking:** University of Oxford / THE #1 Ranking
- **Length of stay:** 3 days
- **Year:** 2023
- **Funding:** ISARIC Project

- **Additional Information:** Working mission to participate in the 2023 ISARIC Members Assembly in Rio de Janeiro, together with the PUC-Rio team, in partnership with FIOCRUZ, in the context of ISARIC 3.0.
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)

**Visiting Researcher:** Bernd Hellingrath

- **Home Institution/ THE Ranking:** University of Munster, Germany) / THE 188
- **Length of stay:** 3 months
- **Year:** 2022, 2023 and 2024
- **Funding:** University of Münster, DAAD
- **Additional Information:** Chair of the Chair of Information Systems and Supply Chain Management
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)

**Visiting researcher:** Victor Manuel Parada Dasa

- **Origin/THE Ranking:** University of Santiago (Chile) / THE 1501+
- **Length of stay:** 8 months
- **Year:** 2022-2023
- **Funding:** University of Santiago (Chile)
- **Additional Information:** Sabbatical period at PPEGEP at PUC-Rio.
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)

**Visiting Researcher:** Daniel Nascimento

- **Home institution/ THE Ranking:** Universitat de Barcelona / position 149 in the THE ranking
- **Length of stay:** 1 month
- **Year:** 2024
- **Funding:** CAPES Print
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)
- **Additional Information:** Visiting Faculty member at the Department of Industrial Engineering at PUC-Rio

**Visiting researcher:** Fabrício Pinheiro de Oliveira

- **Origin/THE ranking:** Aalto University/THE 196
- **Length of stay:** 22 days
- **Year:** 2022
- **Funding:** Capes Print
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics%20highlights/international-insertion/visiting%20researchers/)

**Visiting researcher:** Paulo Cesar Ribas

- **Origin/THE Ranking:** Molde University College
- **Length of stay:** 12 days
- **Year:** 2022
- **Funding:** UTFORSK Project 2017

- **Proof/Link:** <https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/>

**Visiting Researcher:** Irina Gribkovskaia

- **Origin/THE Ranking:** Molde University College
- **Length of stay:** 12 days
- **Year:** 2022
- **Funding:** UTFORSK Project 2017
- **Proof/Link:** <https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/>
- **Additional Information:**

**Visiting Researcher:** Yauheni Kisialiou

- **Origin/Ranking THE:** Molde University College
- **Length of stay:** 12 days
- **Year:** 2022
- **Funding:** UTFORSK Project 2017
- **Proof/Link:** <https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/visiting researchers/>

#### E) PARTICIPATION OF FACULTY MEMBERS LINKED TO FOREIGN INSTITUTIONS IN THE DOCTORAL AND MASTER'S COMMITTEES

**Participating Faculty Member:** Mario Chong

- **Year:** 2023
- **Institution of origin/ranking THE:** Universidad del Pacífico / THE -
- **Type of board:** Master's degree
- **Student:** Renato José Quiliche AltamirYear
- **Proof/Link:** <https://doi.org/10.17771/PUCRio.acad.64971>

**Participating Faculty Member:** Douglas José Além Junior

- **Year:** 2022
- **Origin/ranking THE:** University of Edinburgh (UK) | THE 28
- **Type of bank:** Bench
- **Student:** Luiza Ribeiro Alves Cunha
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/60662/60662.PDF>

**Participating Faculty Member:** Douglas José Além Junior

- **Year:** 2024
- **Origin/ranking THE:** University of Edinburgh (UK) | THE 28
- **Type of bank:** Bench
- **Student:** Fabiola Negreiros de Oliveira
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/ProjectsEspeciais/ETDs/consultas/conteudo.php?strSecao=resultado&nrSeq=67745&idi=.2%20class>



**Participating Faculty Member:** Fabrício Oliveira

- Year: 2024
- **Origin/THE ranking institution:** Aalto University (Finland) | THE 196
- **Type of bank:** Bench
- **Student:** Fabiola Negreiros de Oliveira
- **Proof/Link:** <https://doi.org/10.17771/PUCRio.acad.67745>

**Participating Faculty Member:** Claudio Contardo

- Year: 2021
- **Origin/THE ranking:** Concordia University/THE 501-600
- **Type of board:** Master's Defense Board
- **Student:** João Marcos Dusi Vilela
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/57045/57045.PDF>

**Participating Faculty Member:** Arild Helseth

- Year: 2024
- **Institution of origin/ THE ranking:** SINTEF / Not listed in the Times Higher Education (THE) World University Rankings
- **Type of board:** Doctoral Defense Board
- **Student:** Nuran Cihangir Martin
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/colecao.php?strSecao=resultado&nrSeq=67552&idi=2>

**Participating Faculty Member:** David Pozo

- Year: 2024
- **Institution of origin/ ranking THE:** European Commission, Joint Research Centre / Not listed in the Times Higher Education (THE) World University Rankings
- **Type of board:** Doctoral Defense Board
- **Student:** Nuran Cihangir Martin
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/colecao.php?strSecao=resultado&nrSeq=67552&idi=2>

**Participating Faculty Member:** Dr. Peter Palensky

- Year: 2024
- **Institution of origin/ranking THE:** TU Delft / THE 56
- **Type of board:** Doctoral Defense Board
- **Student:** Nuran Cihangir Martin
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/colecao.php?strSecao=resultado&nrSeq=67552&idi=2>

**Participating Faculty Member:** Dr. Nikolaos Paterakis

- Year: 2024
- **Home/Origin Institution/ THE Ranking:** Eindhoven University of Technology / THE 185
- **Type of board:** Doctoral Defense Board
- **Student:** Nuran Cihangir Martin
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/colecao.php?strSecao=resultado&nrSeq=67552&idi=2>



**Participating Faculty Member:** Paulo Ribas

- **Origin/THE ranking institution:** Molde University College, Norway
- **Type of board:** PhD qualification
- **Student:** Gustavo de Andrade Melo
- **Year:** 2024
- **Proof/Link:**



**DEI**  
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**DE ENGENHARIA**  
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**EXAME DE QUALIFICAÇÃO DE DOUTORADO**

CANDIDATO: Gustavo de Andrade Melo

MATRÍCULA:

DATA: 03/09/2024

Horário: 14h

Local: <https://puc-rio.zoom.us/j/95733916164?pwd=ZuWabGtSc5p5dHh0bWp5dWVpQmZkdzF1>

ID da reunião: 952 3191 4164

Senha: 373886

Integrantes da Banca

Prof. Fernando Luiz Cyrino Oliveira  
Orientador  
PUC-Rio

Prof. Paula Medina Maçaira Louro  
Co-orientadora  
PUC-Rio

Prof. Reinaldo Castro Souza  
PUC-Rio

Prof. Paulo Cesar Ribas  
Molde University College

Avaliação: Ao final da apresentação, cada membro da banca fará uma avaliação do candidato, atribuindo a situação final de CP – cumpriu ou NC – não cumpriu. No caso de Não Cumpriu – NC, o aluno terá um prazo de até 6 meses para fazer um novo Exame de Qualificação.

Resultado

CP

Departamento de Engenharia Industrial  
Rua Marquês de São Vicente, 425 - 5º andar - Pólo Cultural Leste  
Garibaldi - Rio de Janeiro - RJ 22251-900 | Tel: (051) 2125-11333  
[www.ind.puc-rio.br](http://www.ind.puc-rio.br)

**Participating Faculty Member:** Paulo Ribas

- **Year:** 2024
- **Institution of origin/ ranking THE:** Molde University College (Norway)
- **Type of bench:** Master's Defense
- **Student:** Rachel Martins Ventriglia
- **Proof/Link:** <https://doi.org/10.17771/PUCRio.acad.66487>

**Participating Faculty Member:** Isabela Simon Rampasso

- **Year:** 2024
- **Institution of origin/ THE ranking:** Universidad Católica del Norte (Chile) / THE Ranking #1001-#1500
- **Type of bank:** Master's Qualification
- **Student:** Cynthia Miranda Vianna
- **Proof/Link:**



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### APRESENTAÇÃO DO PROJETO DE DISSERTAÇÃO

ALUNO: CYNTHIA MIRANDA VIANNA

MATRÍCULA: 2220807 DATA: 07/02/2024 Horário: 9h

Sala Zoom:

Título do Projeto de Pesquisa:

Avaliação do desenvolvimento sustentável na Amazônia Legal: no contexto industrial e nos municípios da região

Participantes da Banca:

Prof. Leonardo dos Santos Lourenço Bastos – orientador - PUC-Rio  
Prof. Vitor William Batista Martins – UEPa – coorientador  
Prof. Paula Medina Maçaira Louro – PUC-Rio  
Prof. Izabela Rampasso - Universidad Católica del Norte | Chile

Parecer Banca: ☒ AP ☐ RP ☐ IN

Em caso de REPROVAÇÃO, justificar:

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Assinaturas:

Aluno: Cynthia Miranda Vianna

Professor Orientador: Leonardo dos Santos Lourenço Bastos

Professor Participante, ou co-orientador (a): Vitor William Batista Martins Assinado de forma digital por Vitor William Batista Martins  
Data: 2024.02.08 14:40:17 -02'00'

Professor Participante:  Documento assinado digitalmente  
PAULA MEDINA MACAIRA LOURO  
Data: 2024.02.08 14:40:17 -02'00'  
Verifique em https://validar.jc.gov.br

Professor Participante: ISR

**Participating Faculty Member:** Carlos Eduardo de Andrade

- **Year:** 2024
- **Home Institution / THE Ranking:** AT&T Labs Research
- **Type of bench:** Master's Defense
- **Student:** Raphael Domingues de Lacerda Bittencourt
- **Proof/Link:**



**DEI**  
DEPARTAMENTO  
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INDUSTRIAL

Rio de Janeiro, September 25, 2024

Prof. Dr. Carlos Eduardo de Andrade  
AT&T Labs Research

Dear Professor

On behalf of The Graduate Program in Production Engineering of the Pontifical Catholic University of Rio de Janeiro, we would like to thank you for participating in the Examination Committee of the Dissertation of MSc of Raphael Domingues de Lacerda Bittencourt, advised by Prof. Luciana de Souza Pessoa – PUC-Rio and co-advise by Prof. Silvio Hamacher – PUC-Rio. The Dissertation is entitled “Otimização do planejamento de carregamentos de embarcações: uma aplicação à cadeia de suprimentos de petróleo” and was presented by the student in a Zoom meeting open to the public on September 25, 2024.

Thank you for your valuable collaboration.  
Sincerely,

Prof. Fernanda Araújo Baido Amorim  
Deputy Head for Graduate Studies  
Industrial Engineering Department – PUC-Rio

Departamento de Engenharia Industrial  
Rua Marquês de São Vicente, 225 – 9º andar, Prédio Centeal Leste  
Gávea – Rio de Janeiro – 22.451-900 | Tel. (55 21) 3627-1266  
[www.md.puc-rio.br](http://www.md.puc-rio.br)

#### Participating Faculty Member: Fabricio Oliveira

- **Year:** 2024
- **Origin/THE ranking:** Aalto University/THE ranking: 196
- **Type of bench:** Master’s Defense
- **Student:** Raphael Domingues de Lacerda Bittencourt
- **Proof/Link:**



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**DE ENGENHARIA**  
**INDUSTRIAL**

Rio de Janeiro, September 25, 2024

Prof. Dr. Fabrício Oliveira  
Aalto University

Dear Professor

On behalf of The Graduate Program in Production Engineering of the Pontifical Catholic University of Rio de Janeiro, we would like to thank you for participating in the Examination Committee of the Dissertation of MSc of Raphael Domingues de Lacerda Bittencourt, advised by Prof. Luciana de Souza Pessoa – PUC-Rio and co-advised by Prof. Silvio Hamacher – PUC-Rio. The Dissertation is entitled “Otimização do planejamento de carregamentos de embarcações: uma aplicação à cadeia de suprimentos de petróleo” and was presented by the student in a Zoom meeting open to the public on September 25, 2024.

Thank you for your valuable collaboration.  
Sincerely,

Prof. Fernando Araújo Baitão Amorim  
Deputy Head for Graduate Studies  
Industrial Engineering Department – PUC-Rio

Departamento de Engenharia Industrial  
Rua Marquês de São Vicente, 225 – 17 andar, Paulo Getúlio Leme  
Gávea – Rio de Janeiro – 22.451-900 | Tel.: (55 21) 3927-1208  
[www.ind.puc-rio.br](http://www.ind.puc-rio.br)

#### Participating Faculty Member: Mauricio Resende

- **Year:** 2022
- **Institution of origin/ ranking THE:** Amazon.
- **Type of bench:** Master's Defense
- **Student:** Luisa Zambelli Artmann Rangel.
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/colecao.php?strSecao=resultado&nrSeq=61145&idi=2>

#### Participating Faculty Member: José MoyYear-Fuentes

- **Institution of origin/ THE ranking:** Universidad de Jaén (Spain) / THE 801-1000
- **Type of bench:** Doctoral Defense
- **Student:** Bruno Duarte Azevedo
- **Year:** 2022
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/58896/58896.PDF>

#### Participating Faculty Member: Daniel Luiz de Mattos Nascimento

- **Institution of origin/ THE ranking:** Universitat de Barcelona (Spain) / THE 149
- **Type of bench:** Master's Defense
- **Student:** Bruna da Silva Santiago
- **Year:** 2023
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/64112/64112.PDF>

#### Participating Faculty Member: Victor Manuel Parada Daza

- **Home/Origin Institution/ THE Ranking:** Universidad de Santiago de Chile (Chile) / THE 1051+
- **Type of board:** PhD qualification
- **Student:** Guilherme Henrique de Paula Vidal
- **Year:** 2024
- **Proof/Link:**



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Rio de Janeiro, 21 de fevereiro de 2024

Prof. Dr. Víctor Manuel Parada Daza  
Universidad de Santiago de Chile

Prezado Professor:

Em nome do Programa de Pós-Graduação em Engenharia de Produção da Pontifícia Universidade Católica do Rio de Janeiro, gostaríamos de agradecer pela participação na Banca Examinadora do Exame de Qualificação de Doutorando de Guilherme Henrique de Paula Vidal, orientado pelos Profs. Luiz Felipe R. R. Scarvada do Carmo e Rodrigo Goyannes Gusmão Caiado. A proposta intitulada-se "Framework para planejamento de estoques MRO orientado por dados: a perspectiva LARG" e foi apresentado pelo estudante em reunião Zoom no dia 21 de fevereiro de 2024.

Grato pela sua valiosa colaboração.  
Atenciosamente,

Prof. Fernanda Araújo Basso Amorim  
Coordenadora de Pós-Graduação do DEI  
PUC-Rio

*Departamento de Engenharia Industrial*  
Rua Marquês de São Vicente, 225 – Olinda – CEP: 22.451-900  
Rio de Janeiro – RJ – Tel. (55 21) 3527-1288/12  
www.ind.puc-rio.br

## Participating Faculty Member: Daniel Luiz de Mattos Nascimento

- **Institution of origin/ THE ranking:** Universitat de Barcelona (Spain) / THE 149
- **Type of board:** PhD qualification
- **Student:** Eduardo Augusto Machado
- **Year:** 2024
- **Proof/Link:**



**DEI**  
DEPARTAMENTO  
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INDUSTRIAL

Rio de Janeiro, 24 de junho de 2024

Prof. Daniel Luiz de Mattos Nascimento  
Universidade de Barcelona

Prezado Prof. Daniel:

Em nome do Programa de Pós-Graduação em Engenharia de Produção da PUC-Rio, agradecemos sua participação no Exame de Proposta de Tese de Doutorado, intitulado "Framework para integração da indústria 4.0 com sustentabilidade (S-14.0) em cadeias de suprimentos das micro, pequenas e médias empresas (MPMEs)", apresentada pelo aluno Eduardo Augusto Machado, em reunião realizada por meio de comunicação remota, no dia 24 de junho de 2024.

Grato pela sua valiosa colaboração.  
Atenciosamente,

Prof. Fernanda Araújo Basso Amorim  
Coordenadora de Pós-Graduação DEI  
PUC-Rio

*Departamento de Engenharia Industrial*  
Rua Marquês de São Vicente, 225 – Olinda – CEP: 22.451-900  
Rio de Janeiro – RJ – Tel. (55 21) 3527-1288/12  
www.ind.puc-rio.br



**Participating Faculty Member:** Otavio Ranzani

- **Year:** 2022
- **Institution of origin/ ranking THE:** Barcelona Institute for Global Health
- **Type of board:** Master's Defense
- **Student:** Paulo Henrique Couto Simões
- **Proof/Link:** <https://www.maxwell.vrac.puc-rio.br/60658/60658.PDF>

<https://www.linkedin.com/in/otavio-ranzani-79052aa6/>

## F) RECEIVE FOREIGN STUDENTS IN MASTER'S OR DOCTORATE SANDWICH

**Student:** Frederik Nicholas

- **Level:** PhD
- **Institution of Origin/Reputation (THE Ranking):** U. Munster/ 188
- **Period of stay:** 03/2021 to 06/2021
- **Supervising Faculty Member:** AM Thomé
- **Funding:** DAAD
- **Proof/Link:** <https://lattes.cnpq.br/1568432165307483>

**Student:** Helmi Haakioma

- **Level:** Master's Degree
- **Institution of Origin/Reputation (THE Ranking):** Aalto University / THE 196
- **Period of stay:** Apr/2024 to May/2024
- **Supervising Faculty Member:** B Fanzeres Santos
- **Funding:** Aalto University
- **Additional information:** Helmi Hankimaa – Student at Aalto University who carried out a Study Mission at PUC-Rio under the supervision of B Fanzeres Santos
- **Proof/Link:** [https://www.ppgep.ind.puc-rio.br/Master's Defense-e-Doctoral Defense-academics /highlights/international-insertion/student-exchange/](https://www.ppgep.ind.puc-rio.br/Master's%20Defense-e-Doctoral%20Defense-academics/highlights/international-insertion/student-exchange/)

**Student:** Christian Kalla

- **Level:** PhD
- **Institution of Origin/Reputation (THE Ranking):** University of Münster / THE 188
- **Period of stay:** March/2024
- **Supervising Faculty Member:** LF Scavarda
- **Funding:** DAAD
- **Proof/Link:** <http://lattes.cnpq.br/0794494047024280>

## G) ESTABLISHMENT OF DOUBLE DEGREE AGREEMENTS

The P PGEP has agreements for co-supervision of doctoral theses in progress and in the process of final approval with the universities below. In this way, 6 PPGE/PUC-Rio students (4 Brazilians and 2 foreigners) will benefit, as they will carry out their doctoral training through these new agreements

- NEOMA Business School / França ( - )
- Universitat de Barcelona / Espanha (Ranking THE 149)
- University of Twente / Holanda (Ranking THE 180)
- Universitat Pompeu Fabra / Espanha (Ranking THE 176)

## H) OFFERING COURSES AT PPGEF IN ENGLISH OR WITH INTERNATIONAL CERTIFICATION

**Visiting researcher:** Lilian de Menezes

- **Institution of origin/ THE Ranking:** City, Univ London, England. THE 351
- **Course:** SPECIAL TOPICS IN OPERATIONS MANAGEMENT: Publishing in Operations and Supply Chain Management
- **Workload:** 3 pm
- **Year.Semester:** 2023.1
- **Additional information:** Discipline taught to doctoral students.

**Faculty member:** F Cyrino Oliveira

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** Time Series
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2021.2, 2022.2, 2023.2, 2024.2
- **Additional information:** <https://forecasters.org/programs/research-awards/students/>

**Faculty member:** B Fanzeres Santos

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** IND 2096 Special Topics in Industrial Engineering – Integrating Machine Learning and Optimization for Prescriptive Analytics
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2024.2
- **Additional information:** Two international students took the course, Jakob Elias Relling and Ole Remi Dahl, both from the Norwegian University of Science and Technology (THE 301-350), Norway

**Faculty member:** L F Scavarda

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** DIGITAL AND SUSTAINABLE SUPPLY CHAINS TOWARD OPERATIONAL EXCELLENCE
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2024.2

**Faculty member:** A Leiras

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** LOGISTICS AND HUMANITARIAN OPERATIONS
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2021.2, 2023.2, 2024.2

**Faculty member:** D Valadão

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** OPTIMIZATION UNDER UNCERTAINTY
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2021.2, 2022.2, 2023.2, 2024.2

**Faculty member:** S Hamacher

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** HEALTHCARE OPERATIONS MANAGEMENT
- **Workload:** 3 credits (45 hours)

- **Year.Semester:** 2022.2, 2024.2

**Faculty member:** R Caiado

- **Institution of origin/ ranking THE:** PUC-Rio
- **Course:** MULTICRITERIA DECISION-MAKING IN OPERATIONS MANAGEMENT
- **Workload:** 3 credits (45 hours)
- **Year.Semester:** 2024.2

**Faculty member:** Daniel Luiz de Mattos Nascimento (Visiting Faculty member)

- **Institution of origin/ THE ranking:** Universitat de Barcelona (Spain) / THE 149
- **Course:** IND 2092 STOM - Digital and sustainable supply chains toward operational excellence
- **Workload:** 1 credit (15 hours)
- **Year.Semester:** 2024.2

**Faculty member:** Victor Manuel Parada Dasa

- **Origin/THE ranking:** University of Santiago (Chile) / THE 1501+
- **Course:** Special Topics in Operations Research
- **Workload:** 1 credit (15 hours)
- **Year.Semester:** 2022.2

**Faculty member:** Paulo Ribas

- **Institution of origin/ ranking THE:** Molde University College
- **Course:** Renewable Energies
- **Workload:** 1 credit (15 hours)
- **Year.Semester:** 2024.2

**Faculty member:** Leonardo Marques

- **Institution of origin/ranking THE:** Audencia Business School – Nantes (France)
- **Course:** HOW TO PUBLISH IN TOP OPERATIONS AND SUPPLY CHAIN MANAGEMENT JOURNALS
- **Workload:** 1 credit (15 hours)
- **Year.Semester:** 2024.2

## I) WRITING DISSERTATIONS AND THESES IN ENGLISH

Between 2021 and 2025, PPGE/P students produced, in English, 25 dissertations and 16 theses.

## J) SUPPORT FOR THE PARTICIPATION OF STUDENTS IN INTERNATIONAL CONGRESSES.

PPGE/PUC-RIO financially supports its students to present papers at international congresses covering registration, per diem and travel support. In this context, students of the program participated in the following congresses throughout this quadrennium:

POMS – Production and Operations Management Society

MIT - SCALE – MIT Global Supply Chain and Logistics Excellence (SCALE) Network Conference

EUROMA – European Operations Management Association Conference

ISF – International Symposium on Forecasting

IJCIEOM – International Joint Conference on Industrial Engineering and Operations Management

IEOM – International Conference on Industrial Engineering and Operations Management

MIC – Metaheuristics International Conference

IEEE – Institute of Electrical and Electronics Engineers Conferences

WODES - Workshop on Discrete Events Systems

IFORS - International Federation of Operational Research Societies

CLAIO - Latin-Iberian-American Conference on Operations Research

PSCC – Power Systems Computational Conference

ISMP – International Symposium on Mathematical Programming

EURO - European Conference on Operational Research

TAI – Transatlantic Infraday Conference

IPSERA – International Purchasing & Supply Education & Research Association

## K) ORGANIZATION OF INTERNATIONAL EVENTS BY THE PROGRAM

### Scientific Event: TRANS-ATLANTIC INFRADAY CONFERENCE

- **Year:** 2024
- **Venue:** PUC-Rio
- **Faculty Members Involved:** P Macaira, A Street.
- **Proof / Link:** [https://bpb-us-e1.wpmucdn.com/blog.umd.edu/dist/7/587/files/2024/10/TAI\\_2024\\_Conference\\_Program-2.pdf](https://bpb-us-e1.wpmucdn.com/blog.umd.edu/dist/7/587/files/2024/10/TAI_2024_Conference_Program-2.pdf)

### Scientific event: 33rd IPSERA Conference

- **Year:** 2024
- **Location:** Rio de Janeiro / PUC-Rio
- **Faculty Members Involved:** A M T Thomé, LF Scavarda, R Caiado
- **Additional information:** international event organized by PPGE in 2024 together with the International Purchasing and Supply Education and Research Association (IPSERA), the event being one of the most prestigious and rigorous in Operations Management. It was the first time that the event was held in América Latina
- **Proof / Link:** <https://ipsera2024.com>

### Event científico: 26th & 27th ICIEOM – International Joint Conference on Industrial Engineering and Operations Management

- **Year:** 2021
- **Location:** remote due to the pandemic
- **Faculty Members Involved:** AM Thomé, LF Scavarda
- **Additional information:** The 26th and 27th IJCIEOM (International Joint Conference on Industrial Engineering and Operations Management) was organized by the PPGE of PUC-Rio in conjunction with the Brazilian Association of Production Engineering (ABEPRO), Institute of Industrial and Systems Engineers (IISE), American Society of Engineering Management (ASEM), Association for the Development of Organization Engineering (ADINGOR) and European Academy of Industrial Management (AIM). The location of the event would be the campus of PUC-Rio itself, but due to the pandemic the event was held remotely.
- **Proof / Link:** <https://icieom2021.educacao.ws> & <http://portalabepro.educacao.ws/ijcieom/>

### Scientific event: SOMA in Rio

- **Year:** 2024

- **Venue:** PUC-Rio
- **Faculty Members Involved:** LEIRAS
- **Additional Information:** *Summer Schools in Humanitarian Operations Management (SOMA)*
- **Proof / Link:** <https://www.hanken.fi/en/departments-centres/departament-marketing/research-center-humlog/knowledge-dissemination/news-and-4>

### 3.3.2 NATIONAL, REGIONAL, LOCATION INSERTION

PPEGEP/PUC-Rio plays a strategic role in national, regional and Location insertion, consolidating its performance through the training of highly qualified human resources, support for new business and technological initiatives, organization of scientific events and active participation in research and public administration bodies. Throughout the quadrennium, the Program collaborated with institutions such as UFJF through PCI/MINTER and boosted the nucleation of new businesses, such as the startup LAMPS Co. In addition, its graduates and students occupy prominent positions in companies such as Petrobras, MRS Logística, Raízen, CMM Offshore, DescarbonTech and Casa da Moeda, as well as in universities and research centers in Brazil. PPEGEP also promotes national scientific events and actively participates in organizing and scientific committees of conferences such as ENEGEP and SBPO, expanding its academic visibility. Its impact on public administration is through collaboration with agencies such as the National Secretariat for Civil Protection and Defense. The insertion of the program is also reflected in the presence of its Faculty members in the editorial boards of national scientific journals, in the organization and participation in public examination boards and in the achievement of academic distinctions of national relevance, both by Faculty members and by students and graduates.

It is worth mentioning that currently the PPPGEP has Faculty members on the boards of the main Brazilian scientific societies associated with Production Engineering such as ABEPRO, ANPEPRO and SOBRAPO, as well as in the editorials of the main journals of Production Engineering in Brazil, such as Production, PO, BJOPM and G&P. It is also worth mentioning that throughout the quadrennium PPGEP students have won awards at the main national scientific events of Production Engineering, such as ENEGEP, EPPGEP and SBPO (e.g., best dissertations and best theses).

#### A) COOPERATION PROJECT BETWEEN INSTITUTIONS FOR QUALIFICATION (PCI/MINTER)

Regarding its contribution to research innovation in the country, it is worth mentioning a PCI/MINTER class, completed in 2022, together with the Federal Univ Juiz de Fora (UFJF). UFJF is a reference HEI in several areas, but it does not yet have Master's or Doctorate courses in the area of Production Engineering. In fact, in the State of Minas Gerais, only the Federal Univ of Minas Gerais, the Federal Univ of Itajubá and the Federal University of Ouro Preto have *stricto sensu* graduate programs in Production Engineering. It is worth noting that the region of MG has an industrial park with large companies such as Mercedes, MRS and ArcelorMittal.

The PCI/MINTER initiative had a Location coordinator at UFJF (Prof. Fernando Nogueira, <http://lattes.cnpq.br/7429696739028899>), a coordinator at PPEGEP/PUC-Rio (Prof. Fernando Cyrino Oliveira), in addition to the support and collaboration of PPEGEP Faculty members, who fostered a research environment in the Department of Production Engineering at UFJF, through co-supervision and joint publications.

The PCI/MINTER class graduated 15 masters, as planned, having had more than a hundred registrations. The classes were taught by PPEGEP/PUC-Rio Faculty members at the UFJF facilities with the participation of UFJF Faculty members, who also participate in research associated with PCI/MINTER. A large part of the permanent faculty of PPEGEP/PUC-Rio was involved in the disciplines and orientations, all with co-supervision of UFJF Faculty members, according to the initial plan. This movement allowed the promotion of research, guidance and

publications at the graduate level for the UFJF team involved. It is important to say that Faculty members from the departments of Production Engineering, Electrical Engineering and Statistics at UFJF participated in the process.

## B) NUCLEATION OR SUPPORT FOR NEW BUSINESSES, TECHNOLOGICAL HUBS AND LOCATION PRODUCTION CHAINS

**Project Name/Initiative:** LAMPS Co

- **Year:** 2021
- **Practice Area:** Prescriptive and Predictive Analytics
- **Institutions / Partners Involved:** Energisa, Eletrobras and Northland Power Inc.
- **Impact / Results Achieved:** Startup founded in 2021 with PUC-Rio alumni, today it already executes Aneel R&D projects, provides consulting in Brazil and abroad, in addition to the development of technological products.
- **Text Sucupira:** LAMPS Co. 2021. Startup co-founded by Faculty members Davi Michel Valladão and Alexandre Street.
- **Proof/Link:** <https://lampsco.com.br/pt/>

LAMPS Co is a startup co-founded by Faculty members Davi Michel Valladão and Alexandre Street, from PPGE/PUC-Rio, and has a graduate of the program on its executive board as CTO. It acts as an extension of LAMPS, PUC-Rio's research laboratory, integrating data science and academic knowledge to market demands. The company develops technology solutions applied to industries such as electric power, oil & gas, and finance, using optimization, statistics, and machine learning for innovation and operational efficiency. The company transforms academic research into technological products, developing optimization and forecasting solutions to enhance decision-making. With expertise in R&D projects, such as transmission optimization and market forecasting, it contributes to innovation and sustainability in the electricity sector. Among the laboratory's partnerships are Energisa, Eletrobras and Northland Power Inc.. In addition, LAMPS Co seeks to continuously expand its network of collaborators, establishing new partnerships with academic institutions, government agencies, and other companies in the electricity sector.

## C) TRAINING OF HUMAN RESOURCES FOR LOCATION, REGIONAL AND NATIONAL OPERATIONS

The PPGE has a history of training human resources for Location and regional operations, having received students from Amazonas, Pará, Sergipe, Pernambuco, Espírito Santo, Minas Gerais, São Paulo, Ceará, Rio Grande do Norte, Rio Grande do Sul, in addition to the interior of the State of Rio de Janeiro. In addition, the Program also received students from abroad. After their training, many of the graduates returned to their region of origin to work in Location HEIs, adding knowledge and innovation.

The graduates of the Program are working both in academia, in different HEIs (such as USP, UEPA, UFVJM, ENCE, UFF, FGV, IBMEC) and in industry (e.g., Petrobras, SAP, Raizen, Mercado Livre, Ipiranga, Ambev, Accenture, iFood, PSR, OLX, MRS, Rede Globo, Stone, Casa da Moeda), occupying positions ranging from analysts to vice presidency.

## D) ORGANIZATION OF NATIONAL SCIENTIFIC EVENTS

**Event: II Meeting with Science**

- **Faculty Members Involved:** LEIRAS
- **Year:** 2024
- **Location:** PUC-Rio (RDC)
- **Additional information:** 130 participants
- **Proof / Link:** <https://www.even3.com.br/ii-encontro-com-a-ciencia/>

**Event: IX Scientific Meeting and XI Meeting of Research and Graduate Studies in Production Engineering**

- **Faculty Members Involved:** R Caiado, I Peres, R Martinelli, F Cyrino Oliveira
- **Year:** 2024
- **Venue:** PUC-Rio, Rio de Janeiro, Brazil
- **Additional information: Location Organizing Committee**
  - **EPPGEP:** ANPEPRO Scientific Meeting, focused on research, creation of an environment of counseling to graduate students and recognition of students with outstanding results.
  - **ENPPEPRO:** National Meeting of Graduate Programs in Production Engineering, aiming to bring together coordinators and Faculty members to generate subsidies for strategic planning and identify opportunities for partnerships.
- **Proof / Link:** IX Scientific Meeting and XI ENPPEPRO 2024 - PUC-Rio (<https://www.anpepro.org.br/eppgep2024/comites/>)

**Event: VIII Scientific Meeting and X Meeting of Research and Graduate Studies in Production Engineering**

- **Faculty Members Involved:** F Cyrino Oliveira, I Peres, R Caiado
- **Year:** 2023
- **Venue:** PUC-Rio, Rio de Janeiro, Brazil
- **Additional information: ANPEPRO Organizing Committee**
  - **EPPGEP:** ANPEPRO Scientific Meeting, focused on research, advising graduate students and recognizing students with outstanding results.
  - **ENPPEPRO:** National Meeting of Graduate Programs in Production Engineering, aimed at bringing together coordinators and Faculty members for strategic planning and identification of partnerships.
- **Proof / Link:** VIII Scientific Meeting and X ENPPEPRO 2023 - PUC-Rio (<https://www.anpepro.org.br/eppgep2023/comites/>)

**Event: Workshop LAMPS Energy Markets 2023**

- **Faculty Members Involved:** A Street
- **Year:** 2023
- **Venue:** PUC-Rio
- **Additional information:** 130 participants
- **Proof / Link:** <https://www.lamps.ind.puc-rio.br/noticia/energymarkets2023/>



## E) MEMBER OF THE ORGANIZING/SCIENTIFIC COMMITTEE OF A NATIONAL SCIENTIFIC EVENT

**Type of participation:** Member of the organizing committee

- **Faculty Members Involved:** LEIRAS
- **Year:** 2023
- **Event:** ENEGEP
- **Proof / Link:** <https://portal.abepro.org.br/enegep/2023/comite-organizador/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2023
- **Event:** XVI Seminar on Ontology Research in Brazil (Ontobras 2023)
- **Additional information:** National coverage. Largest national conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://ceur-ws.org/Vol-3564/>

**Type of Participation:** Tutorial chair.

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Location:** Juiz de Fora/MG
- **Additional information:** National coverage. Largest national conference in the area of Information Systems.
- **Proof/Link:** <https://sbsi2024.ufjf.br/minicurso.php>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2022
- **Event:** XV Seminar on Ontology Research in Brazil (Ontobras 2022)
- **Additional information:** National coverage. Largest national conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://www.inf.ufrgs.br/ontobras/pt/organizacao-ontobras-2022/>

**Type of Participation:** Member of the Steering Committee

- **Faculty Members Involved:** F Baião
- **Year:** 2022
- **Event:** XV Seminar on Ontology Research in Brazil (Ontobras 2022)
- **Additional information:** National coverage. Largest national conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** <https://www.inf.ufrgs.br/ontobras/pt/organizacao-ontobras-2022/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2022

- **Event:** XXXVII Brazilian Symposium on Databases (SBBD 2022).
- **Additional information:** National coverage. Main Conference on Big Data, Engineering and Data Science in Brazil.
- **Proof / Link:** <https://sbbd.org.br/2022/artigos-completos/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** F Baião
- **Year:** 2021
- **Event:** XIV Seminar on Ontology Research in Brazil (Ontobras 2021)
- **Additional information:** National coverage. Largest national conference in the area of conceptual modeling and ontologies.
- **Proof / Link:** [https://ceur-ws.org/Vol-3050/ontobras2021\\_frontmatter.pdf](https://ceur-ws.org/Vol-3050/ontobras2021_frontmatter.pdf)

**Type of Participation:** Member of the organizing committee

- **Faculty Members Involved:** I Peres, L Bastos, S Hamacher, P Maçaira, F Baião
- **Year:** 2022
- **Event:** Vaccine Maré Seminar
- **Location:** Rio de Janeiro
- **Proof / Link:** <https://www.vacinamare.org.br/seminarios-pesquisa-vacina-mare>

**Type of Participation:** Member of the organizing committee

- **Faculty Members Involved:** S Hamacher, F Cyrino, R Souza
- **Year:** 2022
- **Event:** SBPO 2022 – 54th Brazilian Symposium on Operations Research
- **Location:** Trade Hotel, Juiz de Fora, MG
- **Proof / Link:** <https://sbpo2022.galoa.com.br/comite/comite-organizador/>

**Type of Participation:** Member of the scientific committee.

- **Faculty Members Involved:** F Cyrino Oliveira, S Hamacher, R Souza
- **Year:** 2021, 2022, 2023, 2024
- **Event:** Brazilian Symposium on Operations Research
- **Proof / Link:**  
 2021: <https://sbpo2021.galoa.com.br/comite/comite-cientifico/>  
 2022: <https://sbpo2022.galoa.com.br/comite/comite-cientifico/>  
 2023: <https://Events.galoa.com.br/sbpo-2023/page/2351-comite-cientifico?lang=pt-br>  
 2024: <https://sbpo2024.galoa.com.br/sbpo-2024/page/4100-comites>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Brandão
- **Year:** 2022
- **Event:** EnANPAD 2022
- **Proof / Link:** [https://Events.anpad.org.br/pt\\_br/theme/list](https://Events.anpad.org.br/pt_br/theme/list)

**Type of Participation:** Member of the scientific committee

- **Lecturers involved:** R Martinelli
- **Year:** 2023
- **Event:** 20th Rio de Transportes
- **Location:** Universidade Federal do Rio de Janeiro
- **Proof / Link:** <https://riodetransportes.org.br/20rdt/>

**Type of Participation:** Member of the scientific committee

- **Lecturers involved:** R Martinelli
- **Year:** 2024
- **Event:** 21st Rio de Transportes
- **Location:** Universidade Federal do Rio de Janeiro
- **Proof / Link:** <https://riodetransportes.org.br/21rdt/>

**Type of Participation:** Chair of the Operations Research Area

- **Lecturers involved:** S Hamacher
- **Year:** 2024
- **Event:** ENEGEP 2024 – National Meeting of Production Engineering
- **Location:** Porto Alegre
- **Proof / Link:** <https://portal.abepro.org.br/enegep/2024/>

**Type of Participation:** Member of the scientific committee

- **Faculty Members Involved:** L Brandão
- **Year:** 2022-2024
- **Event:** EnANPAD 2022- 2024
- **Proof / Link:** [https://Events.anpad.org.br/pt\\_br/theme/list](https://Events.anpad.org.br/pt_br/theme/list) and [https://Events.anpad.org.br/pt\\_br/theme/list](https://Events.anpad.org.br/pt_br/theme/list)

## F) SUPPORT FOR PUBLIC ADMINISTRATION BODIES

**Type of support:** Development of the National Plan for Civil Protection and Defense

- **Faculty Members Involved:** LEIRAS
- **Year:** 2023-2024
- **Organization:** National Secretariat for Civil Protection and Defense (Sedec) | Ministry of Integration and Regional Development (MIDR)
- **Proof / Link:** [https://pnpc.com.br/?page\\_id=1440](https://pnpc.com.br/?page_id=1440)

The National Plan for Civil Protection and Defense (PN-PDC) is a technological instrument developed to support the formulation and implementation of public policies aimed at risk and disaster management at the national, state, and municipal levels. Coordinated by Prof. Adriana Leiras and developed at PUC-Rio's HANDS laboratory, the project was supervised by the National Secretariat for Civil Protection and Defense (SEDEC) and the Ministry of Integration and Regional Development (MIDR), in addition to funding from the UNDP and collaboration from several universities. The project aims to integrate different public policies, identify risk scenarios and establish strategic guidelines for prevention, mitigation, preparedness, response and recovery. The PN-PDC has already

generated technological products available for immediate application and promoted the training of public sector professionals, preparing them to lead assertive actions in the area. The plan will be effective from 2025 to 2035, after the signing of the presidential decree.

**Type of support:** Member of the advisory board of the Energy Research Company (EPE) of the Ministry of Mines and Energy

- **Faculty Members Involved:** A Street
- **Year:** 2021 to Present
- **Organization:** Energy Research Company (EPE) of the Ministry of Mines and Energy
- **Proof / Link:** <https://www.epe.gov.br/sites-pt/acesso-a-informacao/institucional/AtasReunicaoConselhoConsultivo/Ata%202024%20-%202024%C2%AA%20reuni%C3%A3o%20Concepe%20-%20site.pdf>

#### G) FACULTY MEMBERS PARTICIPATING IN THE EDITORIAL CORPO OF NATIONAL SCIENTIFIC JOURNALS

**Type of Participation:** Editor-in-Chief of Production

- **Faculty Members Involved:** Leiras
- **Year:** 2024
- **Journal/ISSN:** 1980-5411
- **% Scopus 2024 / Qualis:** 57% / B1
- **Proof/Link:** <https://prod.org.br/>

**Type of Participation:** Special Edition Guest Editor

- **Faculty Members Involved:** A M T Thomé, LF Scavarda
- **Year:** 2021
- **Journal/ISSN:** Brazilian Journal of Operations & Production Management (ISSN: 2237-8960)
- **% Scopus 2024 / Qualis:** 56% / A4
- **Additional Information:** Guest Editor of the special edition "Industrial Engineering and Operations Management – a view from IJCIEOM 2020-2021"
- **Proof/Link:** <https://bjopm.org.br/bjopm/article/view/1221>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved** L. Brandão
- **Year:** 2020-2024
- **Journal/ISSN:** RAM / ISSN: 1678-6971
- **% Scopus 2024 / Qualis:** -/ A2
- **Proof/Link:** <https://editorarevistas.mackenzie.br/index.php/RAM/about/editorialTeam>

**Type of Participation:** Associate Editor

- **Faculty Members Involved:** AM Thomé
- **Year:** since 2020
- **Journal:** Gestao e Produção (ISSN: 0104-530X) -
- **% Scopus 2024 / Qualis:** 39% / B1
- **Proof / Link:** <https://www.scielo.br/journal/gp/about/#editors>

**Type of Participation:** Editorial Committee

- **Faculty Members Involved:** F Baião.
- **Year:** 2020-2024
- **Journal/ISSN:** Brazilian Journal of Information Systems (iSys)/1984-2902
- **% Scopus 2024 / Qualis:** - / Qualis B2
- **Additional Information:** Scientific journal of national reference in the area of Computing, particularly in Information Systems, since 2008.
- **Proof/Link:** <https://journals-sol.sbc.org.br/index.php/isys/about/editorialTeam>

**Type of Participation:** Member of the Editorial Board

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** since 2009
- **Journal:** Gestao e Produção (ISSN: 0104-530X)
- **% Scopus 2024 / Qualis:** 39% / B1
- **Proof / Link:** <https://www.scielo.br/journal/gp/about/#editors>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved:** R Souza
- **Year:** 2021 to 2024
- **Journal/ISSN:** Exacta (São Paulo)/ 1983-9308
- **% Scopus 2024 / Qualis:** - / B1
- **Proof/Link:** <https://periodicos.uninove.br/exacta/about/editorialTeam>

**Type of Participation:** Member of the Editorial Board

- **Faculty Members Involved:** R Souza
- **Year:** 2021 to 2024
- **Journal/ISSN:** Operational Research. 0101-7438
- **% Scopus 2024 / Qualis:** 22% / B3
- **Additional Information:** Journal that has existed since 1981, published by the Brazilian Society of Operational Research (SOBRAPO), one of the most important national scientific societies for Production Engineering
- **Proof/Link:** <https://www.scielo.br/journal/pope/about/#editors>

**Type of Participation:** Guest Editor of the Brazilian Journal of Operations & Production Management

- **Faculty Members Involved:** R Caiado
- **Year:** 2023
- **Journal/ISSN:** Brazilian Journal of Operations & Production Management (ISSN: 1679-8171)
- **% Scopus 2024 / Qualis:** 56% / A4
- **Additional information:** Call for Papers: When titans meet – Industry 4.0, Lean and Circular Economy opportunities towards operational excellence and sustainability

- **Evidence/Link:** [Call for Papers - BJO&PM](#)

**Type of Participation:** Associate Editor of the Brazilian Journal of Operations & Production Management (BJO&PM)

- **Faculty Members Involved:** R Caiado
- **Year:** 2022
- **Journal/ISSN:** Brazilian Journal of Operations & Production Management (BJO&PM) (ISSN: 1679-8171)
- **% Scopus 2024 / Qualis:** 56% / A4
- **Proof/Link:** [Editorial Team - BJO&PM](#)

**Type of Participation:** Director of Publications

- **Lecturers involved:** S Hamacher
- **Year:** 2022-2025
- **Journal/ISSN:** Operational Research Journal / ISSN: 0101-7438
- **% Scopus 2024 / Qualis:** 22% / B3
- **Proof/Link:** <https://www.sobrapo.org.br/diretorias>

## H) GUEST SPEAKER AT NATIONAL EVENTS

**Lecture given:** Humanitarian Operations (Roundtable: Natural Disasters - a new reality in operations and logistics)

- **Faculty Members Involved:** Leiras
- **Year:** 2024
- **Event:** ENEGEP
- **Event Venue:** Porto Alegre
- **Proof/Link:** [https://portal.abepro.org.br/enegep/2024/?page\\_id=465](https://portal.abepro.org.br/enegep/2024/?page_id=465)  
<https://www.instagram.com/p/DBtZZD0JfFI/?igsh=Y2V1ZXpvcHU5dTR0>

**Lecture given:** PPgs coordinators table grades 6 and 7 – PPGE/PUC-Rio Strategies

- **Lecturer involved:** F Baião
- **Year:** 2024
- **Event:** National Meeting of Graduate Programs in Production Engineering 2024 (EPPGEP 2024)
- **Event Venue:** Rio de Janeiro
- **Proof / Link:** <https://www.anepro.org.br/eppgep2024/programacao/>

**Lecture given:** PPgs coordinators table grades 6 and 7 – PPGE/PUC-Rio

- **Lecturer involved:** F Baião
- **Year:** 2023
- **Event:** National Meeting of Graduate Programs in Production Engineering 2023 (EPPGEP 2023)
- **Event Venue:** Rio de Janeiro

- **Proof / Link:** <https://www.anepro.org.br/eppgep2023/programacao/>

**Lecture:** Monitoring the evolution of the COVID-19 pandemic through Process Mining

- **Lecturer involved:** F Baião
- **Year:** 2023
- **Event:** Process Mining Academic Week 2023
- **Event Venue:** online
- **Additional information:** Meeting of invited researchers to present their Research Projects on Process Mining
- **Proof / Link:** <https://www.upflux.com.br/pt/process-mining-academic-week/>

**Lecture given:** Engineering Evaluation III and CAPES

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2022
- **Event:** ENEGEP 2022
- **Event Venue:** Foz do Iguaçu
- **Proof / Link:** <https://portal.abepro.org.br/enegep/2022/grade-de-programacao/>

**Lecture:** Conceptualization and Evaluation of Technologies in the Area of Engineering III

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2022
- **Event:** ENEGEP 2022
- **Event Venue:** Foz do Iguaçu
- **Proof / Link:** <https://portal.abepro.org.br/enegep/2022/grade-de-programacao/>

**Lecture given:** Joint session ABEPRO & ABCM: Contextualization of the Nomination Process of the Engineering Area Coordinator III/CAPES & CAPES Engineering III: contextualization and future perspectives Quadrennial Evaluation - 2017/2020.

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2022
- **Event:** ENCEP 2022
- **Event Venue:** São Paulo
- **Proof / Link:** <https://portal.abepro.org.br/encep/2023/wp-content/uploads/2022/05/ENCEP-2022-Programa%C3%A7%C3%A3o-final-1.pdf>

**Type of Participation:** CAPES Round Table

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2022
- **Event:** EPPGEP / ENPPEPRO 2022
- **Event Location:** Remote
- **Proof / Link:** <https://www.anepro.org.br/wp-content/uploads/2022/08/programacao-eppgep-22-6.pdf>

**Keynote:** Building your first interactive dashboard with {Shiny}

- **Faculty Members Involved:** P Macaira
- **Year:** 2024



- **Event:** R Ladies Niterói
- **Event Venue:** UFF, Niterói
- **Proof/Link:** <https://www.meetup.com/pt-BR/rladies-niteroi/events/303668355/>

**Lecture:** Renewable Energy and Socioeconomic Leverage from the Perspective of Statistical Learning Methods

- **Faculty Members Involved:** P Macaira
- **Year:** 2023
- **Event:** Rio Innovation Week 2023
- **Event Venue:** Mauá Pier, RJ
- **Proof/Link:** <http://lattes.cnpq.br/6490673312585650>

**Keynote:** Building your first interactive dashboard with {Shiny}

- **Faculty Members Involved:** P Macaira
- **Year:** 2023
- **Event:** UFF Statistics Week (SEMEST) 2023
- **Event Venue:** Department of Statistics, UFF
- **Proof/Link:** <https://www.uff.br/Event/13a-semana-da-estatistica/>

**Keynote:** Time Series Forecasting with {fable}

- **Faculty Members Involved:** P Macaira
- **Year:** 2022
- **Event:** UFJF Statistics Week 2022
- **Event Venue:** Department of Statistics, UFJF
- **Proof/Link:** [https://www2.ufjf.br/estatistica/wp-content/uploads/sites/238/2022/10/Ter%C3%A7a18\\_10\\_2022-1.pdf](https://www2.ufjf.br/estatistica/wp-content/uploads/sites/238/2022/10/Ter%C3%A7a18_10_2022-1.pdf)

**Lecture:** Using statistics to predict COVID-19 test results in the Dados do Bem app

- **Faculty Members Involved:** P Macaira
- **Year:** 2022
- **Event:** UFJF Statistics Week 2022
- **Event Venue:** Department of Statistics, UFJF
- **Proof/Link:** [https://www2.ufjf.br/estatistica/wp-content/uploads/sites/238/2022/10/Ter%C3%A7a18\\_10\\_2022-1.pdf](https://www2.ufjf.br/estatistica/wp-content/uploads/sites/238/2022/10/Ter%C3%A7a18_10_2022-1.pdf)

**Lecture given:** Introduction to the Tidy Universe: the {tidyverse} package

- **Faculty Members Involved:** P Macaira
- **Year:** 2021

- **Event:** 5th Scientific Initiation Week (SEMIC) of ENCE
- **Event Venue:** National School of Statistical Sciences, ENCE
- **Proof/Link:** <https://ence.ibge.gov.br/index.php/semic-edicao/semic-2021>

**Keynote:** Time Series Forecasting with {fable}

- **Faculty Members Involved:** P Macaira
- **Year:** 2021
- **Event:** Academic Week of the UFPR Statistics Course, 2021
- **Event Venue:** Department of Statistics, UFPR
- **Proof/Link:** [https://www.youtube.com/watch?v=VxLkYm65XM&ab\\_channel=PET-stat%C3%ADsticaUFPR](https://www.youtube.com/watch?v=VxLkYm65XM&ab_channel=PET-stat%C3%ADsticaUFPR)

**Lecture given:** Brazilian Model of Success in Self-sustaining P, D&I

- **Faculty Members Involved:** S Hamacher and C. Cassino
- **Year:** 2022
- **Event:** EPPGEP 2022 – VII Meeting of Research and Graduate Studies in Production Engineering and ENPEPRO 2022 - IX National Meeting of Graduate Programs in Production Engineering
- **Event Venue:** UFSM – Federal University of Santa Maria - Virtual Format
- **Proof/Link:** <https://www.anpepro.org.br/wp-content/uploads/2022/08/programacao-eppgep-22-6.pdf>

## I) MEMBERS OF BOARDS OF SCIENTIFIC ASSOCIATIONS

**Position:** Treasurer

- **Faculty Members Involved:** B Fanzeres Santos
- **Year:** 2022 – 2025
- **Scientific association:** Institute of Electrical and Electronics Engineers (IEEE), Region 9, RJ & ES Section
- **Additional Information:** One of the largest international scientific societies of Engineering. The RJ&ES section was established in 1956 and legally represents IEEE internationally in the region.
- **Proof/Link:** <https://www.ieee.org.br/rio-de-janeiro/a-secao/>

**Board Position:** Elected member of the deliberative council of the board of directors of ANPEPRO

- **Faculty Members Involved:** F Baião
- **Year:** 2023-2024 and 2025-2026
- **Scientific association:** National Association of Graduate Programs in Production Engineering (ANPEPRO)
- **Proof/Link:** <https://anpepro.org.br/diretoria/>

**Board Position:** Vice President

- **Lecturer involved:** Fernando Cyrino (F Cyrino)
- **Year:** 2022-2025
- **Scientific Association:** Brazilian Society for Operational Research (SOBRAPO)

- **Proof / Link:** <https://www.sobrapo.org.br/diretorias>

**Board Position:** President

- **Lecturer involved:** Fernando Cyrino
- **Year:** 2023-2026
- **Scientific Association:** National Association of Graduate and Research Programs in Production Engineering – ANPEPRO
- **Proof / Link:** <https://anpepro.org.br/diretoria/>

**Board of Directors:** member of the Editorial Board of ABEPRO - NEA

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2021
- **Scientific Association:** ABEPRO
- **Proof / Link:** <http://lattes.cnpq.br/0794494047024280>

**Board Position:** Director of Publications

- **Lecturers involved:** S Hamacher
- **Year:** 2024-2025
- **Scientific association:** SOBRAPO – Brazilian Society for Operational Research
- **Proof/Link:** <https://www.sobrapo.org.br/diretorias>

## J) MEMBER OF ADVISORY COMMITTEES OF FUNDING AGENCIES

**Role in the Advisory Committee:** Coordinator of Professional Programs in the Area of Engineering III

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2022
- **Agency:** Evaluation Board - DAV / CAPES
- **Proof / Link:** [https://www.gov.br/capes/pt-br/centrais-de-Content/Documents/Avaliação/19122022\\_13.ENG3\\_Quadrienal\\_Relatorio\\_final.pdf](https://www.gov.br/capes/pt-br/centrais-de-Content/Documents/Avaliação/19122022_13.ENG3_Quadrienal_Relatorio_final.pdf)

**Role in the Advisory Committee:** Consultant in the evaluation area "Engineering III" - Participation in Qualis Journals in the area of Engineering III; Coordinator of subcommittee 2 (Strategic planning and self-evaluation) of the evaluation area committee "Engineering III"

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2021
- **Agency:** Evaluation Board - DAV / CAPES
- **Proof / Link:** <http://lattes.cnpq.br/0794494047024280>

**Role in the Advisory Committee:** Consultant in the evaluation area "Engineering III" - Participation in the PCI, APCN, PAEP committees and the new Engineering III evaluation form

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2024
- **Development Agency:** Evaluation Board - DAV / CAPES
- **Proof / Link:** <http://lattes.cnpq.br/0794494047024280>

**Role in the Advisory Committee: Position:** Member of the Special Advisory Group (GAE) of the DRI.

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** since 2017
- **Agency:** Directorate of International Relations - DRI / CAPES
- **Proof / Link:** <http://lattes.cnpq.br/0794494047024280>

#### K) NATIONAL ACADEMIC DISTINCTIONS RECEIVED BY THE PROGRAM OR BY PERMANENT FACULTY

**Type of distinction:** Best work award from the Brazilian Congress of Intensive Care Medicine (CBMI 2023 - Florianópolis).

- **Lecturers involved:** I Peres, L Bastos, S Hamacher
- **Year:** 2023
- **Institution that granted the distinction:** Brazilian Association of Intensive Care Medicine - AMIB
- **Additional information:** Trabalho: "Validation of a new data-driven SLOSIC ICU efficiency measure compared to the traditional SRU: A multicentre study of 18,267 admissions in 85 Brazilian units"
- **Proof/Link:** <http://lattes.cnpq.br/3920767393039395>



**Type of distinction:** Fellow Award

- **Faculty Members Involved:** Reinaldo Castro Souza
- **Year:** 2024
- **Institution that awarded the distinction:** Brazilian Society for Operational Research (SOBRAPO)

- **Additional information:** Main national scientific society in the area of Operations Research, founded in 1969.
- **Proof/Link:** <https://www.sobrapo.org.br/fellow>

**Type of distinction:** "Dom Hélder Câmara" Medal

- **Lecturers involved:** S Hamacher
- **Year:** 2021
- **Institution that awarded the distinction:** Pontifical Catholic University of Rio de Janeiro
- **Additional information:** For the relevance of his research focused on society, in times of Pandemic.
- **Proof/Link:**



**Type of award/distinction:** Petrobras Pride Award – Popular Vote Category

**Faculty involved:** SHamacher, LBastos

**Year:** 2024

**Institution that granted the award:** Petrobras

**Additional information:** The Cortex – generative AI project for well construction and maintenance won the Petrobras Pride award in the Innovation and Popular Vote categories, competing with 500 projects.

**Proof/Link:** <https://www.tecgraf.puc-rio.br/publicnewsdetail/DxXo5N5HCEyeCSrbT>

**Type of award/distinction:** Petrobras Pride Award – Innovation Category

**Faculty involved:** SHamacher, LBastos

**Year:** 2024

**Institution that granted the award:** Petrobras

**Additional information:** The Cortex – generative AI project for well construction and maintenance won the Petrobras Pride award in the Innovation and Popular Vote categories, competing with 500 projects.

**Proof/Link:** <https://www.tecgraf.puc-rio.br/publicnewsdetail/DxXo5N5HCEyeCSrbT>

## L) DISTINCTIONS, AWARDS AND OTHER ACADEMIC INDICATORS OF NATIONAL NOTORIETY OF STUDENTS AND GRADUATES

**Egressa:** Fabíola Negreiros de Oliveira

- **Type of distinction / award:** Special Mention for outstanding performance in the presentation session of the doctoral work
- **Year:** 2024
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering
- **Advisor:** A LEIRAS
- **Proof/Link:** [https://www.instagram.com/p/DAlf8JRJ5\\_9/?igsh=djRjd3ViaHhIOGpo](https://www.instagram.com/p/DAlf8JRJ5_9/?igsh=djRjd3ViaHhIOGpo)

**Graduate:** Luiza Ribeiro Alves Cunha

- **Type of distinction / award:** Special Mention for outstanding performance in the presentation session of the doctoral work
- **Year:** 2023
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering
- **Advisor:** A LEIRAS
- **Proof/Link:** [https://www.instagram.com/p/CxyhZZdpqQB/?igsh=YzFndGR5dW40c3Vq&img\\_index=1](https://www.instagram.com/p/CxyhZZdpqQB/?igsh=YzFndGR5dW40c3Vq&img_index=1)

**Graduate:** Luiza Ribeiro Alves Cunha

- **Type of distinction / award:** Honorable mention of finalist of the ABEPRO Award for best Doctoral Thesis
- **Year:** 2023
- **Awarding Institution/Event:** ABEPRO - Brazilian Association of Production Engineering
- **Advisor:** A LEIRAS
- **Source:** [https://www.instagram.com/p/CynvErBLIgM/?igsh=M3NjNXJqbTVlbXo2&img\\_index=2](https://www.instagram.com/p/CynvErBLIgM/?igsh=M3NjNXJqbTVlbXo2&img_index=2)

**Egressa:** Raissa Zurli Bravo

- **Type of distinction/award:** Best Technology Product Publication Award
- **Year:** 2023
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering
- **Advisor:** A LEIRAS
- **Proof/Link:** <https://anpepro.org.br/premiacoes/>

**Egressa:** Maria Angélica da Silva

- **Type of distinction / award:** Best paper award of the XLII ENEGEP Graduate Workshop
- **Year:** 2022
- **Awarding Institution/Event:** ABEPRO - Brazilian Association of Production Engineering
- **Advisor:** A LEIRAS

- **Proof/Link:** <https://vrac.puc-rio.br/cgi/cgilua.exe/sys/start.htm?infoid=2536&sid=21/>

**Egresso:** Daniel Eckhardt

- **Type of distinction / award:** Special Mention for outstanding performance in the presentation session of the doctoral work
- **Year:** 2021
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering
- **Advisor:** A LEIRAS
- **Proof/Link:** <https://vrac.puc-rio.br/cgi/cgilua.exe/sys/start.htm?infoid=1363&sid=20>

**Student/Entry:** João Marcos Dusi Vilela

- **Type of distinction/award:** Best Publication Award for Academic Master's Student
- **Year:** 2022
- **Awarding Institution/Event:** National Association of Graduate and Research Programs in Production Engineering (ANPEPRO)
- **Coach:** B Fanzeres Santos, R Martinelli
- **Additional information:** Best Academic Master's Student Publication Award 2022, ANPEPRO – Student: João Marcos Dusi Vilela
- **Proof/Link:** <http://www.anpepro.org.br/eppgep2022/#premia%C3%A7%C3%A3o>

**Student/Entry:** João Marcos Dusi Vilela

- **Type of distinction/award:** Best Dissertation in Operations Research Award
- **Year:** 2022
- **Awarding Institution/Event:** Brazilian Society for Operations Research (SOBRAPO) / LIV Brazilian Symposium on Operations Research (SBPO)
- **Coach:** B Fanzeres Santos, R Martinelli
- **Additional information:** Best Dissertation Award in Operations Research, LIV Brazilian Symposium on Operations Research (SBPO) 2022 – Student: João Marcos Dusi Vilela
- **Proof/Link:** <https://sbpo2022.galoa.com.br/resultado-da-premiacao/>

**Student/Entry:** João Pedro Mattos Costa

- **Type of distinction / award:** Best Paper Award - NGN - Commercialization, Economics and Regulation Group
- **Year:** 2023
- **Awarding Institution/Event:** CIGRE/ XXVII National Seminar on Production and Transmission of Electric Energy (SNPTEE)
- **Coach:** B Fanzeres Santos
- **Additional information:** Best Paper Award - NGN - Commercialization, Economics and Regulation Group - XXVII SNPTEE 2023 - Student: João Pedro Mattos Costa.
- **Proof/Link:** <https://xxviisnp tee.com.br/wp-content/uploads/2023/12/Apresentacao-NGN.pdf>

**Student/Entry:** Felipe Neves Piancó



- **Type of distinction/award:** Best Dissertation in Operations Research Award
- **Year:** 2024
- **Awarding Institution/Event:** Brazilian Society for Operations Research (SOBRAPO) / LVI Brazilian Symposium on Operations Research (SBPO)
- **Coach:** B Fanzeres Santos
- **Additional information:** Best Dissertation Award in Operations Research, LVI Brazilian Symposium of Operational Research (SBPO) 2024 – Student: Felipe Neves Piancó. Co-supervised by Dr. Alexandre Moreira da Silva, researcher at Lawrence Berkeley National Laboratory (LBNL)
- **Proof/Link:** <https://sbpo2024.galoa.com.br/sbpo-2024/page/6092-premiacoes>



**Student/Entry:** Lucas Gomes Maddalena

- **Type of award:** Best full article, "An Application of the Disease Ontology (DO) for Clustering COVID-19 Hospitalizations in Rio de Janeiro".
- **Year:** 2022
- **Awarding Institution/Event:** XV Seminar on Ontology Research in Brazil (ONTOBRAS 2022).  
IAOA (International Association of Ontology and its Applications)
- **Orientador:** F Baião
- **Additional information:** Best full article of the Ontobras 2022 event, which is the main conference on the area of Ontologies in Brazil. The award included financial value to the student, sponsored by the International Association of Ontology and its Applications (IAOA). The work is associated with the research theme of student Lucas Gomes Maddalena, 1st author of the article.
- **Proof/Link:**

- **Type of distinction/award:** Academic Master's Award
- **Year:** 2024
- **Awarding Institution/Event:** National Association of Graduate and Research Programs in Production Engineering – ANPEPRO
- **Advisor:** Fernando Cyrino
- **Proof/Link:** <https://anpepro.org.br/premiacoes/>

- **Type of distinction / award:** Technological Product Award
- **Year:** 2024
- **Awarding Institution/Event:** National Association of Graduate and Research Programs in Production Engineering – ANPEPRO
- **Advisor:** Fernando Cyrino
- **Proof/Link:** <https://anpepro.org.br/premiacoes/>

- **Type of distinction / award:** Honorable Mention for Doctorate
- **Year:** 2023
- **Awarding Institution/Event:** National Association of Graduate and Research Programs in Production Engineering – ANPEPRO
- **Advisor:** Fernando Cyrino
- **Proof/Link:** <https://anpepro.org.br/premiacoes/>

**Student/Entry:** Mariana Alves Londe

- **Type of distinction / award** Honorable Mention for Master's Thesis
- **Year:** 2022
- **Awarding Institution/Event:** SOBRAPO
- **Advisor:** Luciana de Souza Pessôa
- **Proof/Link:** <https://sbpo2022.galoa.com.br/resultado-da-premiacao/>

**Student/Entry:** Bruno Duarte Azevedo

- **Type of Distinction / Award:** "Special Mention" of the "Doctoral Student Publication Award" - VII EPPGEP 2022
- **Year:** 2022
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering.
- **Advisors:** Luiz Felipe Scavarda & Rodrigo Caiado
- **Proof/link:**



**Student/Graduate:** Guilherme Henrique de Paula Vidal

- **Type of Distinction / Award:** Honorable Mention of the Medal "ABQ - Merit to Quality João Mario Csillag" 2023 - Academic Category - Master's Thesis
- **Year:** 2023
- **Awarding Institution/Event:** Brazilian Academy of Quality (ABQ).
- **Advisors:** Luiz Felipe Scavarda & Rodrigo Caiado
- **Proof/link:**

São Paulo, 25 de outubro de 2023



Prezado **Guilherme Henrique de Paula Vidal**

Prof. Dr. Rodrigo Goyannes Gusmão Caiado,

Prof. Dr. Luiz Felipe R. Rodriguez Scavarda do Carmo

Prezados Senhores,

A **Academia Brasileira da Qualidade - ABQ** é uma associação não governamental, sem fins lucrativos, que tem por missão contribuir para o desenvolvimento da Cultura da Qualidade em benefício da sociedade brasileira.

A ABQ instituiu a medalha "ABQ Mérito à Qualidade João Mario Csillag", para reconhecer autores de trabalhos publicados por pessoas de Instituições de ensino e de pesquisa, e de empresas, bem como aqueles independentes, que tenham contribuído, de modo destacado, para a Qualidade ou sua Gestão no Brasil.

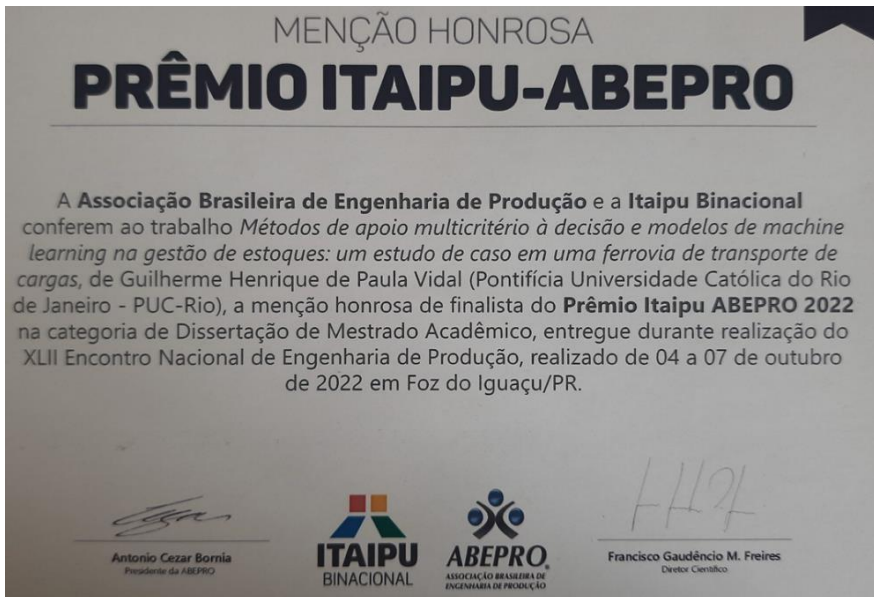
Dando sequência ao processo de outorga da **Medalha ABQ - Mérito à Qualidade João Mario Csillag**, que representa o reconhecimento da ABQ aos autores de trabalhos publicados, que tenham dado significativa contribuição aos temas Qualidade e/ou Gestão no Brasil, informamos que o trabalho de V.Sas., **Métodos de apoio multicritério à decisão e modelos de machine learning na gestão de estoques: um estudo de caso em uma ferrovia de transporte de cargas**, após rigoroso processo de análise e avaliação, recebe o reconhecimento de "MENÇÃO HONROSA".

Osvaldo Luiz Gonçalves Quelhas, Coordenador da "Medalha ABQ Mérito à Qualidade João Mario Csillag"

Jairo Martins da Silva, Diretor-Presidente da Academia Brasileira da Qualidade

**Student/Graduate:** Guilherme Henrique de Paula Vidal

- **Type of Distinction / Award:** Honorable Mention of the Itaipu-ABEPRO Award 2022 - Academic Master's Dissertation Category (XLII ENEGEP).
- **Year:** 2022
- **Awarding Institution/Event:** Brazilian Association of Production Engineering (ABEPRO) and Itaipu Binacional.
- **Advisors:** Luiz Felipe Scavarda & Rodrigo Caiado
- **Proof/link:** <https://portal.abepro.org.br/2022/09/09/finalistas-premio-itaipu-abepro-2022/>



**Student/Graduate:** Guilherme Henrique de Paula Vidal

- **Type of Distinction / Award:** Finalist for the Master's Dissertation Award of the 54th SBPO - Brazilian Symposium on Operational Research
- **Year:** 2022
- **Awarding Institution/Event:** Brazilian Society of Operational Research - SOBRAPO.
- **Advisors:** Luiz Felipe Scavarda & Rodrigo Caiado
- **Proof/link:**



**Student/Entry:** Nickolas Gueller Rocha

- **Type of distinction / award:** SOBRAPO Award for Best Dissertation
- **Year:** 2023
- **Awarding Institution/Event:** Brazilian Society for Operational Research (SOBRAPO)
- **Advisor:** Rafael Martinelli and Bruno Fânzeres
- **Proof/Link:**





**Student/Entry:** Nickolas Gueller Rocha

- **Type of distinction / award:** ANPEPRO Award for Best Master's Student Publication
- **Year:** 2023
- **Awarding Institution/Event:** National Association of Graduate and Research Programs in Production Engineering (ANPEPRO)
- **Advisor:** Rafael Martinelli and Bruno Fânzeres
- **Proof/Link:**



**Student/Entry:** Nickolas Gueller Rocha

- **Type of distinction / award:** Honorable Mention ABEPRO Award for Best Master's Dissertation (Luiz Antonio Meirelles Award)
- **Year:** 2023
- **Awarding Institution/Event:** Brazilian Association of Production Engineering (ABEPRO)
- **Advisor:** Rafael Martinelli and Bruno Fânzeres
- **Proof/Link:**



**Student/Entry:** Jaqueline Alves do Nascimento

- **Type of Distinction / Award:** "Special Mention" for best technological product
- **Year:** 2024
- **Awarding Institution/Event:** ANPEPRO - National Association of Graduate and Research Programs in Production Engineering.
- **Advisors:** Rodrigo Caiado & Luiz Felipe Scavarda
- **Proof/link:** <https://anpepro.org.br/premiacoes/>

**Student/Entry:** Pedro Hama, João Gabriel Gelli

- **Type of award:** Petrobras Pride Award – Popular Vote Category
- **Year:** 2024
- **Institution that granted:** Petrobras
- **Faculty Members Involved:** SHamacher, LBastos
- **Additional information:** The Cortex – generative AI project for well construction and maintenance won the Petrobras Pride award in the Innovation and Popular Vote categories, competing with 500 projects.
- **Proof/Link:** <https://www.tecgraf.puc-rio.br/publicnewsdetail/DxXo5N5HCEyeCSrbT>

**Student/Entry:** Pedro Hama, João Gabriel Gelli

- **Type of award:** Petrobras Pride Award – Innovation Category
- **Year:** 2024
- **Institution that granted:** Petrobras
- **Faculty Members Involved:** SHamacher, LBastos
- **Additional information:** The Cortex – generative AI project for well construction and maintenance won the Petrobras Pride award in the Innovation and Popular Vote categories, competing with 500 projects.
- **Proof/Link:** <https://www.tecgraf.puc-rio.br/publicnewsdetail/DxXo5N5HCEyeCSrbT>



## M) PUBLIC EXAMINATION BOARDS OR FOR FULL FACULTY MEMBER

**Type of action:** Member of the board for Adjunct Faculty member

- **Faculty Members Involved:** F Baião
- **Year:** 2024
- **Institution:** Institute of Computing/UFRJ
- **Additional information:** Database Area
- **Proof/Link:** <http://lattes.cnpq.br/5068302552861597>

**Type of action:** Member of the board for Full Faculty member

- **Faculty involved:** Luiz Felipe Roris Rodriguez Scavarda do Carmo (LF Scavarda)
- **Year:** 2024
- **Institution of the contest:** Federal University of Juiz de Fora (UFJF)
- **Additional information:** Performance Evaluation of Prof. Fernando Marques de Almeida Nogueira for promotion to Class E, with the designation of Full Faculty member of the Higher Teaching Career
- **Proof/Link:** FACENG/UFJF ORDINANCE NO. 16, OF FEBRUARY 26, 2024

**Type of action:** Member of the jury for full Faculty member of Prof. Alexandre Zanini

- **Faculty Members Involved:** R Souza
- **Year:** 2021
- **Institution:** UFJF
- **Proof/Link:** <http://lattes.cnpq.br/6992824817295435>

**Type of action:** Member of the board for full Faculty member of Prof. Maurício Tiomno Tomalsquin

- **Faculty Members Involved:** R Souza
- **Year:** 2021
- **Institution:** UFRJ
- **Proof/Link:** <http://lattes.cnpq.br/6992824817295435>

**Type of action:** Member of the jury for full Faculty member of Prof. Maurício Alexandre Sklo

- **Faculty Members Involved:** R Souza
- **Year:** 2021
- **Institution:** UFRJ
- **Proof/Link:** <http://lattes.cnpq.br/6992824817295435>