

Ana Paula Ferreira Fernandes Lopes

Ana Paula Lopes is Professor at the Mathematics Department of the Porto Accounting and Business School (ISCAP) of the Polytechnic Institute of Porto (P.PORTO), Portugal, since 2000. She teaches subjects like Mathematics, Applied Mathematics, Financial Mathematics, Statistics, Simulation and Decision Models, Sampling Methods among others.

She has a PhD in Mathematics (2006), in the field of Numerical Linear Algebra.

Author and co-author of several peer-reviewed publications on teaching and learning methodologies and innovations on educational technology. She has coordinated several projects related to the Use of Technology and Pedagogical Innovation in Distance Education since '07 and received many awards over the years, namely: 3rd e-learning Excellence Awards (Award of Merit) for the case history "MatActiva Project – A Mathematical Dynamic Environment to engage Students in the Learning Process" ('17); the Honorable Mention of the Internationalization and Mobility Best Practices Award (BPIM) regarding the MatActiva Project (Math Connections, '16); the Award for Pedagogical Innovation in Distance Education ('15). She has been Member of Scientific Committee of several International Conferences, Member of the Scientific Board and Associate Editor of some Journals, serves as a regular reviewer of the program committee for several International Conferences and Journals. Researcher at CEOS.PP - Centre for Organisational and Social Studies of P. Porto and at the Research Centre for the Study of Population, Economics and Society. Member of the Erasmus Plus project EngiMath - "Mathematics on-line learning model in engineering education".

She has spent teaching periods abroad, within the framework of Erasmus+ STT (Šiauliai -Lithuania, Prishtina - Kosovo, Maribor - Slovenia, Ourense - Spain, Split - Croatia, Warsaw - Poland, Málaga - Spain, Siedlce - Poland, Vilnius - Lithuania, Hyvinkää - Finland, Bursa -Turkey, Prague - Czech Republic, Krakow - Poland, Sarajevo - Bosnia) and is actively developing new co-operations with partners and improving research contacts.

Her main research interests are LMS supports platforms, ICT in education, b/ e-learning, teaching/learning education paradigm, Learning Analytics, E-Assessment, STEAM Education, Multi-Criteria Decision Making, Applied Mathematics, Supply Chain Management, Logistics and Financial Mathematics.

Identification

Personal identification

Full name

Ana Paula Ferreira Fernandes Lopes

Citation names

Lopes, Ana

Ana Paula Lopes

Author identifiers

Ciência ID

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Google Scholar ID

https://scholar.google.com/citations?user=9e_QbpoAAAAJ&hl=en&authuser=1

Researcher Id

[S-8594-2016](https://www.researcherid.org/rid/S-8594-2016)

Scopus Author Id

[57194875571](https://www.scopus.com/authid/detail/authid/SORCID-ORCID:57194875571)

Education

	Degree	Classification
2006 Concluded	Matemática (Doutoramento) Major in Álgebra Linear Numérica Universidade Portucalense Infante Dom Henrique, Portugal <i>"O método de Lanczos na variedade de Grassmann"</i> (THESIS/DISSERTATION)	Aprovada com Distinção e Louvor
2001 Concluded	Matemática (Mestrado) Universidade Portucalense Infante Dom Henrique, Portugal <i>"Modelo de apoio à decisão multicritério para seleção de fornecedores de folha de Flandres - um estudo de caso na empresa CAN"</i> (THESIS/DISSERTATION)	Aprovada com Muito Bom
1995 Concluded	Matemática / Educação (Licenciatura) Universidade do Porto Faculdade de Ciências, Portugal	

Affiliation

Teaching in Higher Education

	Category Host institution/organization	Employer
2024/01/26 - Current	Teacher Coordinator (Polytechnic Teacher)	Instituto Politécnico do Porto, Portugal
2010/05/13 - 2024/01/25	Adjunct Teacher (Polytechnic Teacher)	Instituto Politécnico do Porto, Portugal
2016 - 2019	Adjunct Teacher (Polytechnic Teacher)	Instituto Politécnico do Porto, Portugal
2013 - 2016	Adjunct Teacher (Polytechnic Teacher)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

2000 - 2010

Assistant (Polytechnic Teacher)

Instituto Politécnico do Porto, Portugal

Positions / Appointments

Category

Host institution/organization

Employer

2013 - 2016

Conselho científico/técnico-científico ou
órgão correspondenteInstituto Politécnico do Porto Instituto
Superior de Contabilidade e
Administração do Porto, Portugal**Others**

Category

Host institution/organization

Employer

1991 - 2000

Docente do Ensino Secundário

Ministério da Educação, Portugal

Projects**Grant**

Designation

Funders

2022 - 2025

Gate2Math: Open multilingual smart library for
mathematical resources supporting efficient learning.
2022-1-EE01-KA220-HED-000089461Tallinna
Tehnikakõrgkool,
Estonia

2023/03 - 2024/09

"Flippeando las redes"

Researcher

Universidad de Málaga Facultad de Ciencias de la
Comunicación, SpainProyectos de
Innovación
Educativa -
INNOVA22 - Grupos
permanentes de
innovación
educativa (GpIE),
Spain
Ongoing

2021 - 2023

ACADIGIA - Accelerating aCAademia 's DIGItal readiness
for online and blended Augmented teaching - Erasmus+
Programme, Key Action 2: Strategic Partnerships
2020-1-PT01-KA226-HE-095042Portuguese ,
Portugal

Contract

	Designation	Funders
2022/02/01 - Current	MatActiva Promotion of learning in Mathematics/ MatActiva Promoção da aprendizagem em Matemática n.º 002/C06-i03.03/2021 e n.º 002/C06-i04.01/2021 Principal investigator	Ongoing
2018/11 - 2021/08	EngiMath - Mathematics on-line learning model in engineering education 2018-1-EE01-KA203-047098 Principal investigator P.PORTO / ISCAP / CEOS.PP, Portugal	Erasmus Plus, Belgium Ongoing
2019 - 2021	Aplicación de Flipped Classroom: gamificación y metodologías activas (PIE19_156) 19_156 Researcher Universidad de Málaga, Spain	Universidad de Málaga, Spain Ongoing
2019/01/01 - 2019/12/31	Research Centre for the Study of Population, Economics and Society UID/HIS/00021/2019 Centro de Estudos da População Economia e Sociedade, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2019/01 - 2019/08	Apoio à tomada de decisão na modernização do setor do turismo utilizando as Tecnologias de Informação e Comunicação (TIC) IACOBUS Principal investigator P.PORTO / ISCAP / CEOS.PP, Portugal	IACOBUS, Portugal Concluded
2019/01 - 2019/08	Estratexias de innovación aberta e obxectivos empresariais: unha análise utilizando técnicas de decisión multicriterio IACOBUS Researcher P.PORTO / ISCAP / CEOS.PP, Portugal	IACOBUS, Portugal Concluded
2017/09 - 2019/08	FLIPPED LEARNING 2.0: UN PASO MÁS HACIA LA MOTIVACIÓN (PIE17-116) 17_116 Researcher	Universidad de Málaga, Spain Concluded

2018/12 - 2019/07	Projeto Sociedade, Escola e Investigação (SEI)/ DICAS (Desafio, ISCAP, Cerco, Alunos a resolver Sistemas) Projeto SEI Principal investigator P.PORTO / ISCAP / CEOS.PP, Portugal	C.M.PORTO, Portugal Concluded
2018/01 - 2018/08	Modelo de Seleção de Fornecedores de Pequenas e Médias Empresas (PMEs), para a melhoria da competitividade, utilizando Análise de Decisão Multicritério (MDCA) - Método PROMETHEE IACOBUS Principal investigator P.PORTO / ISCAP / CEOS.PP, Portugal	IACOBUS, Portugal Concluded
2014/09 - 2015/06	MatActiva – Divulgação de Experiências de Inovação Didática em Matemática com Recurso às Tecnologias FCT/8213/18/9/2014/S Principal investigator	Fundação para a Ciência e a Tecnologia, Portugal

Outputs

Publications

Book	1	Ana Paula Lopes; Filomena Soares. <i>Online Distance Learning Course Design and Multimedia in E-Learning</i> . {IGI. 2022. 10.4018/978-1-7998-9706-4
	2	Lopes, Ana. <i>A Prova em Auditoria e as Metodologias de Amostragem</i> . Portugal: Vida Económica. 2017.
Book chapter	1	Ana Paula Lopes. "The Significant Impact of the COVID-19 Pandemic on Supply Chains". 2022. 10.4018/978-1-7998-9140-6.ch009
	2	Celina Rodrigues; Ana Paula Lopes. "Multicriteria Decision Support Model for Selection of Fiberglass Suppliers". In <i>A Case Study in a Wind Industry Company</i> . 2022. 10.4018/978-1-7998-9140-6.ch006
	3	Ana Paula Lopes; María Mercedes Rojas de Gracia; Ana Esteban; María J. Bentabol; María Dolores Rodríguez-Ruiz; Amparo Bentabol; Filomena Soares; et al. "Evaluation of Implementation of Gamification, Game-Based Learning, and Active Methodologies to the Flipped Classroom Model". 142-164. {IGI, 2022. 10.4018/978-1-7998-9706-4.ch006
	4	Pinho, Rafaela Ribeiro; Lopes, Ana Paula. "Multicriteria Decision Support Model for Selection of Tinplate Suppliers". In <i>Advances in Logistics, Operations, and Management Science</i> , 111-138. IGI Global, 2020. Published • 10.4018/978-1-7998-2216-5.ch006

- 5 Soares, Filomena; Lopes, Ana Paula. "M100S Project". In *Emerging Trends, Techniques, and Tools for Massive Open Online Course (MOOC) Management*, 213-238. IGI Global, 2018.
Published · 10.4018/978-1-5225-5011-2.ch009
- 6 Lopes, Ana. "MatActiva Project – A mathematical dynamic environment to engage students in the learning process". United Kingdom, 2017.
- 7 Ana Paula Lopes. "MatActiva - Divulgação de Experiências de Inovação Didática em Matemática com Recurso às Tecnologias". In *Experiências de Inovação Didática no Ensino Superior*, 283-298. Gabinete do Secretário de Estado do Ensino Superior, 2015.
Published
- 8 Ana Paula Lopes. "Mooc no Instituto Politécnico do Porto – Um Novo Formato de Ensino a Distância". In *Guia Prático do E-Learning*, 144-158. Portugal: Vida Económica, 2015.
Published
- 9 Soares, Filomena Baptista; Lopes, Ana Paula. "Matemática 100 stress: um projeto aberto no IPP". In *EDUCAÇÃO A DISTÂNCIA E DIVERSIDADE NO ENSINO SUPERIOR*, 125-133. Universidade Aberta, 2014.
Published
- 10 Ana Paula Lopes. "How to Improve Business Decision Making Skills". In *Business Development Opportunities*, 23-31. Poland: The Knowledge Economy and Business Development, 2013.
Published

Conference abstract

- 1 Ana Paula Lopes. "Pontes Quebradas no Ensino – A Aprendizagem Contínua em Risco". Paper presented in *CNaPPES 2019 – Congresso Nacional de Práticas Pedagógicas no Ensino Superior*, 2019.
Published

Conference paper

- 1 Ana Paula Lopes; Filomena Soares. "OPEN EDUCATIONAL RESOURCES FOR MATHEMATICS IN HIGHER EDUCATION". 2023.
10.21125/inted.2023.0154
- 2 Ana Paula Lopes; Filomena Soares; José Azevedo; Maria Paula Nunes; Vera Oliveira. "DEVELOPING A SEQUENTIAL AND MULTI-LEVELLED QUESTION BANK FOR SMALL CLASS TASKS". 2023.
10.21125/inted.2023.2222
- 3 Filomena Soares; Ana Paula Lopes. "STRUCTURED INTERACTIVE LEARNING MATERIALS AND STUDENT ENGAGEMENT IN A FLIPPED LEARNING EXPERIENCE". 2023.
10.21125/inted.2023.0206
- 4 MARIANO SOLER PORTA; María Mercedes Rojas de Gracia; Ana Paula Lopes; Ana Esteban; Filomena Soares; M.J. Bentabol; María Dolores Rodríguez-Ruiz; et al. "THE USE OF SOCIAL NETWORKS AS A TOOL FOR FLIPPED CLASSROOM METHODOLOGY: A PRACTICAL EXPERIENCE IN HIGHER EDUCATION FRAMEWORK". 2022.
10.21125/iceri.2022.1977

- 5 Filomena Soares; Ana Paula Lopes; Vlad Bocanet; Ken Brown; Anna Cellmer; Igor Kierkosz; Oksana Labanova; Carles Serrat; Anne Uukkivi. "STUDENTS' INTERNATIONAL COMPETITION – PROMOTING ENGAGEMENT AND SOCIAL SKILLS". 2022.
10.21125/edulearn.2022.0148
- 6 Ana Paula Lopes; Filomena Soares. "ONLINE ASSESSMENT USING DIFFERENT TOOLS AND TECHNIQUES IN HIGHER EDUCATION". 2022.
10.21125/edulearn.2022.0157
- 7 Filomena Soares; Ana Paula Lopes; Anna Cellmer; Anne Uukkivi; Carles Serrat; Chara Pantazi; Cristina Feniser; et al. "ONLINE ENGINEERING MATHEMATICS COURSE – DEVELOPMENT AND IMPLEMENTATION OF A SUCCESSFUL PROJECT". 2022.
10.21125/edulearn.2022.0025
- 8 Ana Paula Lopes; Filomena Soares; Amparo Bentabol; Ana Esteban; Maria Del Mar Muñoz; Maria Dolores Ruiz; Maria Jose Bentabol; et al. "STUDENTS' PERCEPTIONS OF FLIPPED CLASSROOM APPROACH – RESULTS FROM AN EDUCATIONAL INNOVATION PROJECT". 2022.
10.21125/edulearn.2022.0020
- 9 Ana Paula Lopes; Filomena Soares. "INTERACTIVE LEARNING MATERIALS CONTRIBUTION FOR STUDENTS' ENGAGEMENT IN E-LEARNING OF MATHEMATICS CONTENTS: A CASE STUDY DURING THE COVID-19 PANDEMIC". 2021.
10.21125/inted.2021.0096
- 10 Filomena Soares; Ana Paula Lopes; Anna Cellmer; Anne Uukkivi; Christina Feniser; Elena Safiulina; Gerald Kelly; et al. "INNOVATIVE TEACHING METHODOLOGIES FOR AN ONLINE ENGINEERING MATHEMATICS COURSE". 2021.
10.21125/inted.2021.1770
- 11 Ana Paula Lopes. "AN EXPERIMENT WITH ONLINE PRACTICE FOR ASSESSMENT". 2020.
10.21125/inted.2020.1858
- 12 Ana Paula Lopes. "Bringing Mathematics to Engineering: Online Learning-Teaching Model". 2020.
10.1109/macise49704.2020.00012
- 13 Uukkivi, Anne; Brown, Ken; Lopes, Ana Paula; Bilbao, Javier; Cellmer, Anna; Feniser, Cristina; Safiulina, Elena; et al. "MATHEMATICS ONLINE LEARNING MODEL IN ENGINEERING EDUCATION". 2019.
10.21125/inted.2019.2224
- 14 Ana Paula Lopes. "Selección De Proveedores Y Toma de Decisiones Multicriterio en el Sector Alimentario". Paper presented in *XXIX CONGRESO CONFERENCE ACEDE2019, A CORUÑA*, 2019.
Published
- 15 Soares, F.; Lopes, A. P.; Nunes, M. P.. "TEACHING AND LEARNING THROUGH ADAPTIVE STRATEGIES - A CASE IN HIGHER EDUCATION". 2019.
- 16 Mariano Soler; María Bentabol; Ana Lopes; Rocío Caña; Amparo Bentabol; María Del Mar Muñoz; Ana Esteban; María José Luna; Luis Cortés. "LOOKING FOR STUDENTS' ENTHUSIASM: FLIPPED CLASSROOM". 2018.
10.21125/iceri.2018.1209

- 17 Ana Paula Lopes; Filomena Soares. "USING MOODLE ANALYTICS FOR CONTINUOUS E-ASSESSMENT IN A FINANCIAL MATHEMATICS COURSE AT POLYTECHNIC OF PORTO". 2018.
10.21125/iceri.2018.2123
- 18 Filomena Soares; Ana Paula Lopes. "ONLINE ASSESSMENT THROUGH MOODLE PLATFORM". 2018.
10.21125/iceri.2018.2124
- 19 Ana Paula Lopes; Filomena Soares. "FLIPPING A MATHEMATICS COURSE, A BLENDED LEARNING APPROACH". 2018.
10.21125/inted.2018.0749
- 20 Ana Paula Lopes; Maria de Lurdes Babo; José Azevedo; Cristina Torres. "RETHINKING FEEDBACK IN A CONNECTED AGE". 2018.
10.21125/inted.2018.1245
- 21 Ken Brown; Ana Paula Lopes; Filomena Soares; Viola Larionova; Anna Cellmer; Jarkko Hurme Hurme. "PERCEPTIONS, BELIEFS, AND ATTITUDES OF FIRST YEAR THIRD-LEVEL STUDENTS: AN EMPIRICAL STUDY OF PORTUGUESE, RUSSIAN, POLISH, FINNISH, AND IRISH STUDENTS". 2018.
10.21125/inted.2018.0301
- 22 Filomena Soares; Ana Paula Lopes; Fernanda A. Ferreira; Paula Nunes. "LEVELLING UP MATH LITERACY THROUGH E-CONTENTS – AN EXAMPLE OF PORTUGUESE STUDENTS FROM HOSPITALITY AND TOURISM MANAGEMENT BACHELOR DEGREES". 2018.
10.21125/inted.2018.0489
- 23 Brown, K.; Lopes, Ana Paula; Soares, Filomena Baptista; Larionova, V.; Cellmer, A.; Hurme, J.. "Perceptions, beliefs, and attitudes of first year third level students: an empirical study of portuguese, russian, polish, finnish, and irish students". 2018.
- 24 Lopes, Ana Paula; Soares, Filomena Baptista. "Flipping a mathematics course, a blended learning approach". 2018.
- 25 Soares, Filomena Baptista; Lopes, Ana Paula; Ferreira, Fernanda A.; Nunes, Paula. "Levelling up math literacy through e-contents : an example of portuguese students from Hospitality and Tourism Management Bachelor degrees". 2018.
- 26 Filomena Soares; Ana Paula Lopes. "PROMOTING AUDIOVISUAL INSIGHTS IN MATH SUBJECTS". 2017.
10.21125/inted.2017.1096
- 27 Ana Paula Lopes; Lurdes Babo; José Azevedo; Cristina Torres. "DATA ANALYSIS AND LEARNING ANALYTICS FOR MEASURE EFFECTS OF GAMIFICATION IN A MATH ONLINE PROJECT". 2017.
10.21125/inted.2017.1896
- 28 Ana Paula Lopes; Filomena Soares. ""FLIPPED CLASSROOM WITH A MOOC" AN E-LEARNING MODEL INTO A MATHEMATICS COURSE". 2017.
10.21125/inted.2017.1092

- 29 Filomena Soares; Ana P. Lopes. "BLENDED LEARNING & MOOC: PERSPECTIVE OF A COURSE OF A HIGHER EDUCATION INSTITUTION". 2017.
10.21125/edulearn.2017.1592
- 30 Ana P. Lopes; Filomena Soares. "WHAT DO STUDENTS OF A HIGHER EDUCATION INSTITUTION THINK ABOUT FLIPPED LEARNING". 2017.
10.21125/edulearn.2017.1582
- 31 Lurdes Babo; José Azevedo; Cristina Torres; Ana Paula Lopes. "FORMATIVE ASSESSMENT IN HIGHER EDUCATION: DETECTION AND IMPROVEMENT ON LEARNING LEVEL". 2017.
10.21125/edulearn.2017.1187
- 32 Filomena Soares; Maria Paula Nunes; Ana Paula Lopes. "ASSESSMENT EXPERIENCES IN A MATH COURSE – GRADING QUESTIONS AND DILEMMAS". 2017.
10.21125/inted.2017.2268
- 33 Jose Manuel Azevedo; Cristina Torres; Ana Paula Lopes; Lurdes Babo. "Learning Analytics: A Way to Monitoring and Improving Students' Learning". 2017.
10.5220/0006390106410648
- 34 Azevedo, J.M.; Torres, C.; Lopes, A.P.; Babo, L.. "Learning analytics: A way to monitoring and improving students' learning". 2017.
- 35 Nunes, Maria Paula; Soares, Filomena Baptista; Lopes, Ana Paula. "Diferenciar o que é diferente: uma experiência no ensino da matemática". 2017.
- 36 Soares, Filomena Baptista; Lopes, Ana Paula. "Promoting audiovisual insights in math subjects". 2017.
10.21125/inted.2017.1096
- 37 Lopes, Ana Paula; Soares, Filomena Baptista. "'Flipped classroom with a MOOC' an e-learning model into a mathematics course". 2017.
10.21125/inted.2017.1092
- 38 Soares, Filomena Baptista; Nunes, Maria Paula; Lopes, Ana Paula. "Assessment experiences in a math course-grading questions and dilemmas". 2017.
10.21125/inted.2017.2268
- 39 Ana Paula Lopes; Filomena Soares. "FLIPPING A FINANCIAL MATHEMATICS COURSE IN A HIGHER EDUCATION INSTITUTION (HEI)". 2016.
10.21125/iceri.2016.1860
- 40 Filomena Soares; Ana Paula Lopes; Maria Paula Nunes. "DIFFERENT SKILLS – DIFFERENTIATED LEARNING PLANS: A STRATEGIC COMPROMISE TOWARDS MATH SUCCESS". 2016.
10.21125/iceri.2016.1881
- 41 Ana Paula Lopes; Filomena Soares. "VIDEO LECTURES AND ONLINE ACTIVITIES TO ENGAGE STUDENTS IN A FLIPPED CLASSROOM". 2016.
10.21125/edulearn.2016.0890
- 42 Maria Paula Nunes; Filomena Soares; Ana Paula Lopes. "THE BACKGROUND IMPACT IN HEI MATH LECTURES – AN EXPERIENCE IN MATH IN THE 1ST YEAR OF ACCOUNTING AND MANAGEMENT DEGREE". 2016.
10.21125/edulearn.2016.1942

- 43 Filomena Soares; Ana Paula Lopes. "TEACHING MATHEMATICS USING MASSIVE OPEN ONLINE COURSES". 2016.
10.21125/inted.2016.1563
- 44 Ana Paula Lopes; Filomena Soares. "THE DEVELOPMENT AND IMPLEMENTATION OF MATH PROJECTS IN A HEI – EXPECTATIONS, OBJECTIVES, EXPERIENCES AND ANALYSIS". 2016.
10.21125/inted.2016.0540
- 45 Nunes, Maria Paula; Soares, Filomena Baptista; Lopes, Ana Paula. "The background impact in HEI math lectures: an experience in math in the 1st year of Accounting and Management Degree". 2016.
10.21125/edulearn.2016.1942
- 46 Lopes, Ana Paula; Soares, Filomena Baptista. "The development and implementation of math projects in a HEI: expectations, objectives, experiences and analysis". 2016.
10.21125/inted.2016.0540
- 47 Soares, Filomena Baptista; Lopes, Ana Paula. "Teaching mathematics using Massive Open Online Courses". 2016.
- 48 Lopes, Ana Paula; Soares, Filomena Baptista; Vieira, Isabel. "How to feel “in love” with math: a MOOC experience". 2015.
- 49 Lopes, Ana Paula; Soares, Filomena Baptista; Vieira, Isabel. "Challenges in the creation and development of a mathematics MOOC". 2015.
- 50 Soares, Filomena Baptista; Lopes, Ana Paula; Vieira, Isabel. "Designing video lectures for MOOC". 2015.
- 51 Lopes, Ana Paula; Soares, Filomena Baptista. "Innovations in technology: a friendly math project and the learning analytics “challenge”". 2015.
- 52 Soares, Filomena Baptista; Lopes, Ana Paula; Vieira, Isabel. "Behind video lectures in a MOOC". 2015.
- 53 Lopes, Ana Paula; Soares, Filomena Baptista; Soares, Filomena. "Math without stress: an open online learning project". 2014.
- 54 Vieira, Isabel; Lopes, Ana Paula; Soares, Filomena Baptista. "The potential benefits of using videos in higher education". 2014.
- 55 Lopes, Ana Paula; Soares, Filomena; Vieira, Isabel. "A New horizon for online teaching and learning". 2014.
- 56 Lopes, Ana Paula. "Teaching with Moodle in higher education". 2011.

- 57 Azevedo, José Manuel Monteiro Lopes; Lopes, Ana Paula; Babo, Maria de Lurdes; Torres, Cristina. "Multiple-choice tests: a tool in assessing knowledge". 2010.
- 58 Torres, Cristina Maria Dias Pereira; Babo, Maria de Lurdes; Azevedo, José Manuel Monteiro Lopes; Lopes, Ana Paula. "Matemática activa - moodle". 2009.
- 59 Lopes, Ana Paula; Pascoal, António José. "A new approach to numerical algorithms". 2009.
- 60 Torres, Cristina Maria Dias Pereira; Lopes, Ana Paula; Azevedo, José Manuel Monteiro Lopes; Babo, Maria de Lurdes. "O projecto matactiva no ISCAP". 2008.
- 61 Lopes, Ana Paula; Viamonte, Ana Júlia; Pascoal, António José. "Algoritmo de lanczos na variedade de grassmann". 2008.
- 62 Lopes, Ana Paula. "Lanczos algorithm on the grassmann manifold". 2008.

Conference
poster

- 1 Ana Paula Lopes. "Desenvolvimento de um Modelo de Aprendizagem On-line em Matemática na Área de Engenharia". Paper presented in *CNaPPES 2019 – Congresso Nacional de Práticas Pedagógicas no Ensino Superior*, 2019.
- 2 Ana Paula Lopes. "Learning Analytics no aperfeiçoamento contínuo do Ensino". Paper presented in *CNaPPES 2019 – Congresso Nacional de Práticas Pedagógicas no Ensino Superior*, 2019.
- 3 Ana Paula Lopes. "MatActiva, o que dizem os números?". Paper presented in *Fórum Interno P.PORTO 2019*, 2019.
- 4 Ana Paula Lopes. "Dicas (Desafio, ISCAP, Cerco, Alunos a resolver Sistemas)". Paper presented in *Mostra SEI - Sociedade, Escola e Investigação*, 2019.
- 5 Ana Paula Lopes. "Development of a Mathematics On-line Project in Engineering Education". Paper presented in *INSTEAD - IV Workshop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees*, 2019.
- 6 Ana Paula Lopes. "Assessment Dilemmas in Mathematics – How to validate learning outcomes?...". Paper presented in *INSTEAD - IV Workshop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees*, 2019.
- 7 Ana Paula Lopes. "Matemática 100 Stress – Um projeto MOOC do P.PORTO". Paper presented in *Fórum Interno P.PORTO 2019*, 2019.

- 8 Ana Paula Lopes. "Aprendizagem da matemática através de E-CONTEÚDOS: um estudo de caso". Paper presented in *Fórum Interno P.PORTO 2019*, 2019.
- 9 Ana Paula Lopes. "Ensino Invertido – Uma experiência e análise de resultados". Paper presented in *Fórum Interno P.PORTO 2019*, 2019.
- 10 Ana Paula Lopes. "Matemática no ensino-aprendizagem em Engenharia – Um projeto Europeu online". Paper presented in *Fórum Interno P.PORTO 2019*, 2019.
10.17648/cied-2018-91629

Edited book

- 1 *Cases on Supply Chain Management and Lessons Learned From COVID-19*. IGI Global. 2022.
10.4018/978-1-7998-9140-6
- 2 Ana Paula Lopes, ed. *Developing Technology Mediation in Learning Environments*. IGI Global. 2020.
10.4018/978-1-7998-1591-4

Journal article

- 1 Ana Paula Lopes; Nuria Rodríguez-López. "Application of a Decision-Making Tool for Ranking Wellness Tourism Destinations". *Sustainability* (2022): <https://doi.org/10.3390/su142315498>.
10.3390/su142315498
- 2 Breda, Ana; António Jorge Monteiro Neves; Lavicza, Zsolt. "The impact in students of a STEAM approach in a Calculus I Extraordinary Semester". (2022): <https://publons.com/wos-op/publon/55549076/>.
10.26537/20625
- 3 Ana Paula Lopes; Nuria Rodriguez-Lopez. "A Decision Support Tool for Supplier Evaluation and Selection". *Sustainability* (2021): <https://doi.org/10.3390/su132212387>.
10.3390/su132212387
- 4 Bocanet, Vlad I.; Brown, Ken; Uukkivi, Anne; Soares, Filomena; Lopes, Ana Paula; Cellmer, Anna; Serrat, Carles; et al. "Change in Gap Perception within Current Practices in Assessing Students Learning Mathematics". *Sustainability* (2021): <https://publons.com/publon/42810191/>.
10.3390/SU13084495
- 5 Labanova, Oksana; Safiulina, Elena; Latonina, Marina; Uukkivi, Anne; Bocanet, Vlad; Feniser, Cristina; Serdean, Florina; et al. "Poster: Technique of Active Online Training: Lessons Learnt from EngiMath Project". *FOURTH IBERIAN ROBOTICS CONFERENCE: ADVANCES IN ROBOTICS, ROBOT, VOL 2* (2021): <https://publons.com/publon/50926335/>.
10.1007/978-3-030-68198-2_67
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Other

Other output

- 1 DEVELOPING INTERACTIVE E-CONTENTS FOR A MATHEMATIC ERASMUS+ PROJECT – CHALLENGES AND EXPERIENCES. 2020. Filomena Soares; Ana Paula Lopes; Anna Cellmer; Anne Uukkivi; Carolina Rebollar; Concepcion Varela; Cristina Feniser; et al. <https://doi.org/10.21125/inted.2020.0203>.
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- 2 HOW TWO DIFFERENT LEVEL INSTITUTIONS CAN COOPERATE FOR THE SAME PURPOSE: TO MOTIVATE STUDENTS TO LEARN MATHEMATICS. 2020. Lurdes Babo; José Azevedo; Cristina Torres; Ana Paula Lopes; Alice Camilo; Fernando Melo; Helena Garcia. <https://doi.org/10.21125/inted.2020.1849>.
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- 4 TEACHING AND LEARNING THROUGH ADAPTIVE STRATEGIES – A CASE IN HIGHER EDUCATION. 2019. Filomena Soares; Ana Paula Lopes; Maria Paula Nunes. <https://doi.org/10.21125%2Fedulearn.2019.0067>.
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- 5 GAMIFICATION IN EDUCATION AND ACTIVE METHODOLOGIES AT HIGHER EDUCATION. 2019. Ana Paula Lopes; Mariano Soler; Rocío Caña; Luis Cortés; Maria Bentabol; Amparo Bentabol; María Del Mar Muñoz; Ana Esteban; María Luna. <https://doi.org/10.21125%2Fedulearn.2019.0480>.
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- 6 LEARNING ANALYTICS TO SUPPORT STUDY SUCCESS BASED ON A SMALL PRIVATE ONLINE COURSE. 2019. Ana Paula Lopes; Filomena Soares. <https://doi.org/10.21125%2Fedulearn.2019.0160>.
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- 7 Using moodle analytics for continuous e-assessment in a financial mathematics course at Polytechnic of Porto. The relevance of electronic learning, commonly called e-learning, has been growing exponentially in the last decade. Virtual learning environments (VLEs) disclosed new paths for interactions and motivation promotion, offering basic learning analytics functions and are becoming progressively popular. Moodle (acronym for Modular Object Oriented Dynamic Learning Environment) is one of the most used V. 2018. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/12551>.
10.21125/iceri.2018.2123
- 8 Flipping a mathematics course, a blended learning approach. Flipped classroom pedagogy has become popular in several different courses in Higher Educational Institutions (HEI). Important advantages being the increased level of lecturer and student interaction, which can have a strong impact on students' motivation, engagement, satisfaction and performance. A flipped based experiment was implemented in 2015-2016 and 2016-2017 in a Mathematics Course, at the. 2018. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/12042>.
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- 9 Online assessment through moodle plataforma. The differences between secondary education and Higher Education (HE) are numerous, both in terms of teaching methodologies and as well as evaluation/validation procedures. Until a few years ago, the HE assessment practices were reduced, with some exceptions from practical/laboratory curricular units, to written exams, carried out on the same day and at the same time by all, or, at most, two frequ. 2018. Soares, Filomena; Lopes, Ana Paula. <http://hdl.handle.net/10400.22/12550>.
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- 10 What do students of a higher education institution think about flipped learning. The “Flipped Classroom” or “Inverted Classroom” is a method of blended learning in which the traditional lecture and homework elements of a course are reversed. It is a pedagogical model in which students gain first-exposure learning prior the class and focus on the processing part of learning (open discussions, solving tasks and application problems, clarifying the supporting fundamentals, etc.) in. 2017. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/10590>.
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- 11 Blended learning & MOOC. The word MOOC (Massive Open Online Courses) has its origins in an experience carried out by George Siemens and Stephen Downes in 2008 based on the theory of connectivism and social constructivism. This worldwide phenomenon appeared as an evolution of the Open Educational Resources (OER) movement. They are a new style of online classes that allow any person with web access, anywhere, usually free of charge. 2017. Soares, Filomena; Lopes, Ana Paula. <http://hdl.handle.net/10400.22/10675>.
10.21125/edulearn.2017.1592
- 12 Tourism planning and development: the case of Portugal's Norte region. Tourism has been gaining increasing importance in the global economy, in general, and, more specifically, in Europe, Portugal, and smaller areas such as Portugal's Norte region. The north of Portugal has a rich cultural, historical and architectural landscape heritage, including some pearls that the United Nations Educational, Scientific and Cultural Organisation has classified over the years as W. 2017. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/10676>.
10.18089/tms.2017.13403
- 13 Flipping a financial mathematics course in a higher education institution (HEI). In the past few years, a new model for organizing the educational process in Higher Educational Institutions (HEI) arose and has been attracting the attention of many researchers and educators all over the world. This model, called "Flipped Classroom" or "Inverted Classroom", is a pedagogical inversion of the traditional teaching paradigm: the main actions of the teaching and learning process that. 2016. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/10684>.
10.21125/iceri.2016.1860
- 14 The development and implementation of math projects in a HEI. An overwhelming problem in Math Curriculums in Higher Education Institutions (HEI), we are daily facing in the last decade, is the substantial differences in Math background of our students. When you try to transmit, engage and teach subjects/contents that your "audience" is unable to respond to and/or even understand what we are trying to convey, it is somehow frustrating. In this sense, the Math. 2016. Lopes, Ana Paula; Soares, Filomena. <http://hdl.handle.net/10400.22/10687>.
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- 15 Video lectures and online activities to engage students in a flipped classroom. In recent years there have been several proposals for alternative pedagogical practices. Most of these proposals are based in the, so called, "active learning", in opposition to the common "passive learning", which is centered on transmission of information inside classrooms as well as recognized as teacher-centered procedure. In an active learning pedagogical structure, students have a more participative role. 2016. Lopes, Ana Paula; Soares, Filomena; Soares, Filomena Baptista. <http://hdl.handle.net/10400.22/10685>.
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- 16 Teaching mathematics using massive open online courses. Distance learning - where students take courses (attend classes, get activities and other sort of learning materials) while being physically separated from their instructors, for larger part of the course duration - is far from being a "new event". Since the middle of the nineteenth century, this has been done through Radio, Mail and TV, taking advantage of the full educational potential that these media offer. 2016. Soares, Filomena; Lopes, Ana Paula. <http://hdl.handle.net/10400.22/10679>.
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Activities

Oral presentation

	Presentation title	Event name Host (Event location)
2019/07/02	Learning Analytics to Support Study Success Based on a Small Private Online Course	11th International Conference on Education and New Learning Technologies (EDULEARN19) (Palma de Maiorca, Spain)
2019/07	Teaching and Learning Through Adaptive Strategies – A Case in Higher Education	11th International Conference on Education and New Learning Technologies (EDULEARN19) (Palma de Maiorca, Spain)
2019/07	Pontes Quebradas no Ensino – A Aprendizagem Contínua em Risco	CNaPPES 2019 – Congresso Nacional de Práticas Pedagógicas no Ensino Superior
2019/07	Produção de Vídeo-Aulas em Matemática – Etapas, Escolhas e Desafios	XXXV ProfMat
2019/07	Análise de Aprendizagens em Matemática utilizando as ferramentas Learning Analytics do Moodle	XXXV ProfMat

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2023 - 2023	Logística e Gestão Portuária: o caso do Porto de Leixões Supervisor	Logística (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2021 - 2021	Modelo de Apoio à Decisão Multicritério para Seleção de Fornecedores de Fibra de Vidro. Um Estudo de Caso numa Indústria Eólica Supervisor	Logística (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2020 - 2021	Modelo de Apoio à Decisão Multicritério para Seleção de Fornecedores de Fibra de Vidro - Um Estudo de Caso numa Indústria Eólica Supervisor	Logística (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2020 - 2021	O Discounted Cash Flow como o Modelo de Avaliação de Empresas – O Estudo de Caso da Empresa GALP	Auditoria (Master) Instituto Politécnico do Porto Instituto

Co-supervisor

Superior de Contabilidade e
Administração do Porto, Portugal

2019 - 2019	Modelo de apoio à decisão multicritério para seleção de fornecedores de folha de Flandres - um estudo de caso na empresa CAN Supervisor	Logística (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2018 - 2019	Modelo de Apoio à Decisão Multicritério para Seleção de Fornecedores de Folha de Flandres – Um Estudo de Caso na Empresa CAN Supervisor	Mestrado em Logística da APNOR (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2017 - 2018	A qualidade da Auditoria: as Big Four Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2017 - 2018	Controlo de Gestão e Avaliação de Desempenho em Startups Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2017 - 2017	A Qualidade de Auditoria e a Manipulação dos Resultados nas Empresas Portuguesas cotadas e não Cotadas Supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2016 - 2017	A Qualidade de Auditoria e a Manipulação de Resultados nas Empresas Portuguesas Cotadas e Não Cotadas Supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015 - 2015	Relação entre Qualidade da Auditoria e Manipulação de Resultados: Estudo das Empresas Portuguesas Não Cotadas Supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2014 - 2015	Relação entre Qualidade da Auditoria e Manipulação de Resultados: Estudo das Empresas Portuguesas Não Cotadas Supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2014 - 2015	A Comunicação Interna e a sua relação com a Motivação dos Trabalhadores. Estudo de Caso aplicado à Empresa do Grupo PROBOS Co-supervisor	Assessoria e de Administração (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

2013 - 2014	O Sistema de Controlo Interno nas Autarquias Locais - O Caso do Município de Espinho Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2013 - 2014	O Impacto da Auditoria Interna no Desempenho Organizacional Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2013 - 2014	Qual a Relação entre a Acreditação/Certificação da Qualidade e o Controlo Interno Nos Hospitais Públicos Portugueses? Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2012 - 2013	O Controlo Interno nas Juntas de Freguesia Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2012 - 2013	O Contributo da Auditoria Interna para uma Gestão Eficaz Co-supervisor	Auditoria (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2009 - 2010	Matrizes e Aplicações no Ensino Secundário Supervisor	Matemática (Master) Universidade Portucalense Infante Dom Henrique, Portugal

Event organisation

	Event name Type of event (Role)	Institution / Organization
2019 - 2019	Member of the International Scientific Advisory Board 12th annual International Conference of Education, Research and Innovation – ICERI2019 (2019/07/02 - 2019/07/04) Conference (Member of the Scientific Committee)	
2019 - 2019	Member of the International Scientific Advisory Board of the 11th Annual International Conference on Education and New Learning Technologies, EDULEARN19 (2019 - 2019) Conference (Member of the Scientific Committee)	IATED, Spain
2019 - 2019	Member of the Scientific Committee in the INSTEAD - IV WorkShop on Innovative Teaching Methodologies for	Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal

Math Courses on Engineering Degrees
(2019 - 2019)

Conference (Member of the Scientific
Committee)

2019 - 2019	Member of the Scientific Committee in the INSTEAD - IV WorkShop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees (2019 - 2019) Conference (Member of the Scientific Committee)	IEEE, United States
2019 - 2019	Member of the Scientific Committee in the Conference Academic Success in Higher Education (CASHE), (2019 - 2019) Conference (Member of the Scientific Committee)	Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal
2019 - 2019	Member of the Scientific Committee in the INSTEAD - III WorkShop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees (2019 - 2019) Conference (Member of the Scientific Committee)	Université Claude Bernard Lyon 1, France
2019 - 2019	Committee Member of 18th European Conference on e-Learning (ECEL 2019) (2019 - 2019) Conference (Member of the Scientific Committee)	
2019 - 2019	Chair of the following session: "Learning Analytics", at the 11th annual International Conference on Education and New Learning Technologies – EDULEARN19 (2019 - 2019) Conference (Other)	
2019 - 2019	Moderadora da sessão "AUTOMATIVE STUDENT ASSESSMENT" - Automated essay scoring; Individualized student assessment; Use of plagiarism tools, in the Conference Academic Success in Higher Education (CASHE), (2019 - 2019) Conference (Other)	Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal
2019 - 2019	Chair of the following session: "Flipping the STEM Classroom", at the 12th International Technology, Education and Development Conference – INTED2018 (2019 - 2019) Conference (Other)	International Technology, Education and Development Conference – INTED, Spain

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2023/11	Logística e Gestão Portuária: o caso do Porto de Leixões. Supervisor	Emanuel Santos Bettencourt (Master) Associação de Politécnicos da Região Norte, Portugal
2021	Modelo de Apoio à Decisão Multicritério para Seleção de Fornecedores de Fibra de Vidro - Um Estudo de Caso numa Indústria Eólica Supervisor	Celina Verónica Gonçalves Rodrigues (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2021	Uma integração do Modelo de Aceitação da Tecnologia e do Modelo de Sucesso de Sistemas de Informação na análise da satisfação e continuidade de uso do Moodle (Thesis) Arguer	Douglas Legramante (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2019/06/17	Modelo de Apoio à Decisão Multicritério para Seleção de Fornecedores de Folha de Flandres – um estudo de caso na Empresa CAN, Supervisor	Rafaela Ribeiro de Pinho (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2017/01	A Qualidade de Auditoria e a Manipulação de Resultados nas Empresas Portuguesas Cotadas e Não Cotadas Supervisor	Nzau Arsene (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015/12	Relação entre Qualidade da Auditoria e Manipulação de Resultados: Estudo das Empresas Portuguesas Não Cotadas Supervisor	Susana Maria dos Santos Oliveira (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015/12	Methodological Approach to Evaluate the Commercial Attractiveness of Outbound Markets in Tourism (Thesis) Arguer	Plácido Sierra Herrezuelo (PhD) Universidad de Málaga, Spain
2014/07	O Sistema de Controlo Interno nas Autarquias Locais - O Caso do Município de Espinho Supervisor	José Tavares (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2013/07	O Controlo Interno nas Juntas de Freguesia Supervisor	Pedro Luís dos Santos Araújo (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

2013/07	O Contributo Da Auditoria Interna Para Uma Gestão Eficaz Supervisor	Sara Patrícia da Silva Rodrigues (Master) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2012/11	O ensino da geometria no 10º Ano (Thesis) Arguer	Maria Ermelinda Guedes Rodrigues (Master) Universidade Portucalense Infante Dom Henrique, Portugal
2011/05	O ensino da geometria à luz do Novo Programa (Thesis) Arguer	Nazaré Albina Rodrigues dos Santos (Master) Universidade Portucalense Infante Dom Henrique, Portugal
2010/07	Matrizes e Aplicações no Ensino Secundário Supervisor	Domingos Valente Pinho (Master) Universidade Portucalense Infante Dom Henrique, Portugal
2009/12	Aprendizagem da Matemática através dos Jogos (Thesis) Arguer	Abílio de Bessa Nunes Quintas (Master) Universidade Portucalense Infante Dom Henrique, Portugal
2009/12	Grupos e Simetrias (Thesis) Arguer	Maria Manuela Pereira Pinto (Master) Universidade Portucalense Infante Dom Henrique, Portugal
2007/07	Grafos e Teoria de Jogos (Thesis) Arguer	Andreia Leite Gonçalves (Master) Universidade Portucalense Infante Dom Henrique, Portugal

Association member

	Society Organization	Role
2020/01 - Current	Journal Higher Education Pedagogies	Associate Editor
2020 - Current	IJEM -International Journal of Educational Methodology	Associate Editor

Committee member

	Activity description Role	Institution / Organization
2020/01 - Current	Associate Editor of the Journal Higher Education Pedagogies (HEP) Member	Journal Higher Education Pedagogies, United Kingdom
2019 - Current	Editorial Board Member in Higher Education Research (HER) Journal Member	Higher Education Research (HER) Journal, Spain

2019 - Current	Editorial Board Member of the European Educational Researcher Journal (EUER). Member	European Educational Researcher Journal (EUER), United States
2018 - Current	Diretora do Curso ANO ZERO Director	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2018 - Current	Presidente do Júri de seriação de candidaturas ao ANO ZERO 2018/2019. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2016 - Current	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Ciências e Tecnologias da Documentação e Informação. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2016 - Current	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Recursos Humanos.	
2015/07 - Current	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Contabilidade e Administração. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015 - Current	Representante do ISCAP na Comissão de Supervisão e Acompanhamento (CSA) das provas especialmente adequadas destinadas a avaliar a capacidade para a frequência do ensino superior dos maiores de 23 anos Member	Instituto Politécnico do Porto, Portugal
2015 - Current	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Assessoria e Tradução.	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

President / Vice-president

2014 - Current	Membro da Comissão Científica do Curso de Pós-Graduação em Gestão de Sistemas de Informação Empresariais Member	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2019 - 2019	Presidente do Júri de seriação de candidaturas ao ANO ZERO 2019/2020. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015 - 2017	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Criatividade e Inovação Empresarial. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015 - 2017	Presidente do Júri de Seleção e Seriação – ACESSO AO ENSINO SUPERIOR PARA MAIORES DE 23 ANOS - Instituto Superior de Contabilidade e Administração do Porto, da Licenciatura Comércio Internacional. President / Vice-president	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

Conference scientific committee

	Conference title	Conference host
2023 - 2023	ICERI2023 – 16th annual International Conference of Education, Research and Innovation	
2023 - 2023	InCACCT2023 – International Conference on Advancement in Computation & Computer Technologies	
2023 - 2023	INTED23 – 17th annual International Technology, Education and Development Conference	
2023 - 2023	EDULEARN2023 – 15th annual International Conference on Education and New Learning Technologies	
2023 - 2023	ECEL 2023 – 22nd European Conference on e-Learning	
2023 - 2023	ICIASC-2023 – International Conference on Intelligent and Smart Computation	

2023 - 2023	DevIC2023 - 5th International Conference "2023 Devices for Integrated Circuit (DevIC)"	
2022 - 2022	EDULEARN2022 – 14th annual International Conference on Education and New Learning Technologies	
2022 - 2022	ICERI2022 – 15th annual International Conference of Education, Research and Innovation	
2022 - 2022	RMEE2022 – Review of Management and Economic Engineering, 8th International Management Conference	
2022 - 2022	ECEL 2022- The 21st European Conference on e-Learning	
2022 - 2022	LAWYER 2022 - Production and Supply Chain Symposium	
2022 - 2022	BBC'22 - Building Bridges in STEAM Education in the 21st Century	
2022 - 2022	CASHE'22 – Conference Academic Success in Higher Education 2022	
2022 - 2022	INTED22 – 16th annual International Technology, Education and Development Conference	
2021/11/08 - 2021/11/09	ICERI2021 - 14th annual International Conference of Education, Research and Innovation	Online
2021/10/28 - 2021/10/29	ECEL 2021 - 20th European Conference on e-Learning	Berlin, Germany
2021/07/07 - 2021/07/07	ESE2021 - First International Conference in E-Learning in STEM Education	Porto, Portugal
2021/07/05 - 2021/07/06	EDULEARN21 - 13th annual International Conference on Education and New Learning Technologies	Held virtually
2021/07/05 - 2021/07/05	INSTEAD — VII - Workshop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees	Took place online
2021/03/08 - 2021/03/09	INTED2021 – 15th annual International Technology, Education and Development Conference	Held virtually
2021 - 2021	19th INTERNATIONAL SCIENTIFIC CONFERENCE "CURRENT CHALLENGES FOR HUMAN ACTIVITY" AN INTERDISCIPLINARY APPROACH	Siedlce, Poland

2021 - 2021	ESE2021 – First International Conference in E-Learning in STEM Education	
2020/11/09 - 2020/11/10	ICERI2020 - 13th annual International Conference of Education, Research and Innovation 9th - 10th of November	Held virtually
2020/10/21 - 2020/10/21	18th INTERNATIONAL SCIENTIFIC CONFERENCE “Risk Management” - Interdisciplinary Approach	Siedlce, Poland
2020/08/22 - 2020/08/24	ISTASC '20 - 18th International Conference on Systems Theory and Scientific Computation	Corfu Island, Greece
2020/04/25 - 2020/04/26	AIBD 2020 - International Conference on Artificial Intelligence and Big Data	Copenhagen, Denmark
2020 - 2020	INTED2020 - 14th annual International Technology, Education and Development Conference	Valência
2019 - 2019	International Conference on Control, Artificial Intelligence, Robotics & Optimization (ICCAIRO 2019)	Palma Maiorca
2019 - 2019	Annual Conference on New Trends in Information & Communications Technology Applications (NTICT)	Baghdad, Iraq
2019 - 2019	Proceedings of Engineering and Technology Innovation	Kaohsiung, Taiwan
2019 - 2019	Conference on Academic Success in Higher Education	ISEP/PORTO
2019 - 2019	12th annual International Conference of Education, Research and Innovation – ICERI2019	Seville /Spain
2019 - 2019	11th Annual International Conference on Education and New Learning Technologies, EDULEARN19	Valência

Course / Discipline taught

	Academic session	Degree Subject (Type)	Institution / Organization
2010 - 2018	Statistics II (ERASMUS)	(Licenciatura)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2012 - 2013	Cálculo Financeiro	Mestrado em Assessoria (Mestrado)	Instituto Politécnico do Porto Instituto Superior de

			Contabilidade e Administração do Porto, Portugal
2007 - 2010	Applied Mathematics (ERASMUS)	(Licenciatura)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2007 - 2009	Matemática Aplicada	Contabilidade e Administração (Licenciatura)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2013 - Current	Simulation and Decision Making (ERASMUS)	ERASMUS (Mestrado)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2011 - Current	Cálculo Financeiro	Contabilidade e Administração (Licenciatura)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2011 - Current	Métodos de Amostragem	Mestrado em Auditoria (Mestrado)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2011 - Current	Simulação e Modelos de Decisão	Mestrado em Logística (Mestrado)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

Interview (newspaper / magazine)

	Activity description	Newspaper / Forum
2019/07	EngiMath - Mathematics Online Learning Model in Engineering Education	Newsletter SPEE N° 14 - Sociedade Portuguesa para a Educação em Engenharia

Journal scientific committee

	Journal title (ISSN)	Publisher
2023 - Current	JMEMR – Journal of Management, Economic	

and Marketing Research

2021/04 - Current	RMEE - Review of Management and Economic Engineering Journal (1583-624X)	Todesco Publishing House
2019/09 - 2019/10	The International Journal of Management Education (1472-8117)	Elsevier
2019 - 2019	Higher Education Pedagogies (2375-2696)	Informa UK (Taylor & Francis)
2019 - 2019	Educational Studies in Mathematics (1573-0816)	Springer-Verlag
2019 - 2019	Open Education Studies (2544-7831)	Walter de Gruyter GmbH
2019 - 2019	Accounting Education (1468-4489)	Informa UK (Taylor & Francis)
2019 - 2019	International Journal of Nursing and Health Care Research (2688-9501)	Gavin Publishers
2019 - 2019	@tic. revista d'innovació educativa (1989 - 3477)	Servei de Formació Permanent i Innovació Educativa
2019 - 2019	Higher Education (1573-174X)	Springer-Verlag

Mentoring / Tutoring

	Topic	Student name
2019 - 2020	Tutora ERASMUS	Britt Musters
2019 - 2020	Tutora ERASMUS	Madelon Obbink
2018 - 2019	Supervisora de estágio - ERASMUS	Akvile Armoševiciute
2018 - 2019	Supervisora de estágio - ERASMUS	Donata Virbukaite
2018 - 2019	Tutora ERASMUS	Anastasia Theofylaktidou
2018 - 2019	Tutora ERASMUS	Martin Hörmann
2018 - 2019	Tutora ERASMUS	Mira Eggert
2018 - 2019	Tutora ERASMUS	Magdalena Borkowska
2018 - 2019	Tutora ERASMUS	Magdalena Plewczynska
2018 - 2019	Tutora ERASMUS	Laura Sarbinowski

Distinctions

Award

2023	Atribuição do Prémio do Programa de Apoio à Publicação em Revistas Científicas de Elevada Qualidade - PAPRE 2023
2022	EngiMath: Mathematics online learning model in engineering education - Awarded with the Golden Apple for the Best ERASMUS+ innovation. Erasmus Plus, Belgium
2017	e-Learning Excellence Awards 2017 ACPI - Academic Conferences & Publishing International, United Kingdom
2016	Internationalization and Mobility Best Practices Award (BPIM)
2015	Educational Innovation Award in Distance Learning (PIPED)

Other distinction

2022	EngiMath - Best project in the Skills Relevance category European Association of Institutions in Higher Education (EURASHE 2022), Belgium
2019	ISCAP / IPP Pedagogical Innovation Award (2019) P.PORTO / Porto Accounting and Business School , Portugal
2011	Lifelong Learning Program (PROALV-2011) to represent Portugal as an ERASMUS Ambassador Portuguese National Agency, Portugal