

JULY 15 — 17

SU **IT** **RESEARCH '26**

Overall Program

[Agenda and detailed program of the Research Summit 2026](#)

University of Aveiro, Portugal



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The logo for Summit Research '26. It features the word "SUMMIT" in blue, with the "M" stylized as three overlapping triangles. Below it, the word "RESEARCH" is in white and "'26" is in blue. The entire logo is set against an orange background.

The 2026 Research Summit will take place from (14-)15–17 July under the theme “Science, Policy and Impact: from evidence to action”.

- To strengthen networking among faculty members, researchers, and students from the University of Aveiro;
- To develop research partnerships to make more efficient use of available infrastructure and scientific expertise and skills;
- To reflect on the past and discuss the future of research at the University of Aveiro;
- To showcase the research carried out at the Research Units;
- To provide PhD students with the opportunity to present their work and encourage them to develop their communication and networking skills.

Thank you for your participation.

Mara G. Freire
Vice-Rector for Research, Innovation and Cooperation of the University of Aveiro

A. Gil Andrade-Campos
Dean of the Doctoral School of the University of Aveiro



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JULY 15 — 17

SUMMIT RESEARCH '26

Science, Policy and Impact: from evidence to action

Agenda: global overview

Tuesday 14	Wednesday 15	Thursday 16	Friday 17
AIM Further Special session PhD success, according to supervisors Carlos Borrego Auditorium	Manuel Heitor Align, Act and Accelerate Research and Innovation for Prevention, Preparedness and Readiness in times of increasing uncertainty, AI and misinformation Auditorium, Rectory building	Parallel sessions PhD researchers Pedagogic complex	Parallel sessions PhD researchers Pedagogic complex
Coffee-break	Coffee-break	Coffee-break	Coffee-break
How will you measure your failures The humanly possible PhD Chair: CAD-CICECO	UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building	Parallel sessions PhD researchers Pedagogic complex	Parallel sessions PhD researchers Pedagogic complex
Lunchtime	Lunchtime	Lunchtime	Lunchtime
Special session/ round table AIM Further New Horizons: Non-Academic Careers for PhDs Research to Innovation From PhD to Career Carlos Borrego Auditorium	UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building	Parallel sessions PhD researchers Pedagogic complex	Keynote Financial literacy 4 PhD Carlos Borrego Auditorium
Coffee-break	Coffee-break	Coffee-break	Best communication award Final presentations Carlos Borrego Auditorium
	UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building	Parallel sessions PhD researchers Pedagogic complex	Coffee-break
			Award ceremony Event closure
	Festival dos Canais City of Aveiro	Festival dos Canais City of Aveiro	Festival dos Canais City of Aveiro



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JULY 15 — 17

SUMMIT RESEARCH '26

Science, Policy and Impact: from evidence to action

Agenda:

Detailed program

Tuesday 14

AIM Further
Special session PhD success, according to supervisors Carlos Borrego Auditorium
Coffee-break
How will you measure your failures The humanly possible PhD Chair: CAD-CICECO
Lunchtime
Workshops AIM Further Real jobs, real talks: life after the PhD The hidden dimensions of your PhD Carlos Borrego Auditorium
Coffee-break

Wednesday 15

Manuel Heitor Align, Act and Accelerate Research and Innovation for Prevention, Preparedness and Readiness in times of increasing uncertainty, AI and misinformation Auditorium, Rectory building
Coffee-break
UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building
Lunchtime
UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building
Coffee-break
UA by the R&D units: Science, Policy and Impact: from evidence to action Auditorium, Rectory building
Festival dos Canais City of Aveiro



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AIM FURTHER 2026 SCHEDULE

9:00 - 9:30	Registration
9:30 - 10:00	Opening session Prof. Mara Freire (VR of the University of Aveiro) Prof. João Coutinho (Director of CICECO)
10:00 - 11:00	PhD success, according to supervisors Chair: Prof. Vítor Sencadas (University of Aveiro) Prof. Tito Trindade (University of Aveiro) Dr. Syeda Bakht (University of Aveiro) Dr. Luís Cabrita (Corticeira Amorim) Prof. Ana Rita Duarte (FCT-NOVA Lisboa)
11:00 - 11:30	Coffee break
11:30 - 12:15	How Will You Measure Your Failures? Dr. Ana Cadete (Sanofi US/NCS)
12:15 - 13:00	The Humanly Possible PhD: Rethinking Resilience Beyond Endurance Dr. Patrícia Correia Santos (UMaia/PhD 4 Life)
13:00 - 14:00	Lunch

Registrations for the Aim Further in: <https://forms.gle/frtjAAb4PWtVGRZe6>

AIM FURTHER 2026 SCHEDULE

14:00 - 16:00

Concurrent workshops

W1: From Overwhelm to Progress: Time Management and Procrastination in Research
Samuel Silva (MIND)

W2: Defusing conflicts - Effective Approaches to Conflict Resolution
Juliana Magalhães (mindpartner)

16:00 - 16:30

Coffee break

16:30 - 18:00

Real jobs, real talk: Life after the PhD

Chair: Dr. Nuno Hélder Silva (Hovione)
Dr. Ana Catarina Ferreira (Lund University)
Dr. Catarina Seabra (IIIUC University/Brain Gain)
Dr. Raquel Costa Almeida (F6S/ERC Grant Consulting Services)
Dr. Margarida Martins (Algaplus)
Dr. Cristina Fernandes (Palbit)
Dr. Diogo Queirós (Super Bock Group)

18:00 - 18:30

The hidden dimensions of your PhD

Dr. Joana Moscoso (Native Scientists/Chaperone)
Dr. Pedro Resende (Chaperone)

18:30 - 19:00

Closing session

Prof. Gil Andrade-Campos (Director of EDUA)
Jonathan Silva (INET-md, University of Aveiro)

Time	Wednesday 15th July (morning)
Room	Rectory Auditorium
Thematic	Science, Policy and Impact: from evidence to action
Chair	Artur Silva
9:15 - 10:45	Opening Session Rector & Vice-Rector of the University of Aveiro Align, Act and Accelerate Research and Innovation for Prevention, Preparedness and Readiness in times of increasing uncertainty, AI and misinformation Manuel Heitor Full Professor at Instituto Superior Tecnico, University of Lisbon

10:45 - 11:10	Coffee-break (Rectory building Hall)
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Room	Rectory Auditorium
Thematic	Science, Policy and Impact: from evidence to action
Chair	Mara Freire
11:10 - 12:35	Cancer Primary Prevention: Combining Behavioural and Societal Determinants to Upscale Implementation Ana João Santos RISE-HEALTH Translating Sexual Health Research into Action: Informing Practice, Shaping Policies, Empowering People Joana Carvalho WJCR Research Impact in Population Health: Integrating Medication Use and Adherence, Patient Safety, Antimicrobial Resistance, and e-Health Literacy Jacinta Pinho IBIMED Advancing Health and Smart Living Through Human Centred Intelligent Systems António Teixeira IEETA From Our Labs to Society: The IT Journey Joaquim Ferreira IT From Molecules to Public Value: Sustainable Chemistry from Evidence to Action Nuno Candeias LAQV Round table

13:00 - 14:30	Lunch (University facilities)
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Time	Wednesday 15th July (afternoon)
Room	Rectory Auditorium
Thematic	Science, Policy and Impact: from evidence to action
Chair	Mara Freire
14:15 - 16:00	From Evidence to Action, from Culture to Policy: The Importance of the SSH's Situated Knowledge Rita Himmel CLLC In (Mediated) Science We Trust': What are the Challenges to Science Communication in the Age of Media Misinformation? Liliana Costa DIGIMEDIA Composing the World Together: Children's Sound-Based Creative Practices as Spaces for Democratic Possibility Ana Luísa Veloso INET-MD Evidence Driven Higher Education Policy: The CIPES Contribution to Institutional and Political Decision Making Ana Isabel Melo CIPES A Living Ecosystem of Inclusion in Higher Education & Beyond: Relational, Person-Centred, Evidence-Driven Paula Santos CIDTFF Researching for a regenerative more-than-human world Fátima Pombo ID+ CESAM: From Knowledge to Decision-Making and Impact Amadeu Soares CESAM Round table

15:50 - 16:15	Coffee-break (Rectory building Hall)
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Room	Rectory Auditorium
Thematic	Science, Policy and Impact: from evidence to action
Chair	Artur M.S. Silva
16:15 - 18:00	A comprehensive contribution towards plastics recycling Ana Barros CICECO From Evidence to Action: Science, Public Policy and the Management of Soil Salinization in the Baixo Vouga Lagunar Carla Patinha GEOBIOTEC Excellence Science with Impact on Society José Fernando Mendes I3N Translating between Research and Policy Monique Borges e Nuno da Cruz GOVCOPP Science, Policy and Impact: From Evidence to Action in Mathematical Research Delfim Torres CIDMA From Civil Engineering to Public Policy: Integrating Knowledge to Drive Impact Fernanda Rodrigues CERIS 30 years of TEMA: Engineering Evidence into Action and Societal Impact Paula Marques TEMA Round table Closing session

JULY 15 — 17

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RESEARCH '26

Science, Policy and Impact: from evidence to action

Agenda: global overview of the parallel sessions

General program

Thursday 16	Friday 17
Parallel sessions PhD researchers	Parallel sessions PhD researchers
Pedagogic complex	Pedagogic complex
Coffee-break	Coffee-break
Parallel sessions PhD researchers	Parallel sessions PhD researchers
Pedagogic complex	Pedagogic complex
Lunchtime	Lunchtime
Parallel sessions PhD researchers	
Pedagogic complex	
Coffee-break	
Parallel sessions PhD researchers	
Pedagogic complex	



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Time	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7	Room 23.3.4	Room 23.3.5	Room 23.3.9	Room 23.3.10	Room 23.3.11	Room 23.3.14	Room 23.3.15	Room 23.2.3	Auditório CCC	Room 23.3.13	Room 23.3.6	Room 23.3.7
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Note: 3 pitch presentations in each 30 min. slot (except for Thesis project, defined by each Doctoral program)

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Note: 3 pitch presentations in each 30 min. slot (except for Thesis project, defined by each Doctoral program)

Room	Carlos Borrego Auditorium (DAO)
Thematic	Science, Policy and Impact: from evidence to action
Chair	Mariana Almeida, Sivabalan Maniam, José Gabriel, Adriana Gradim, Pedro Fonseca Student committee of EDUA
14:00 - 15:30	Cláudia Barroso Müller, Fundação António Copertino de Miranda Personal Financial Literacy: from evidence to decision, from decision to impact Literacia Financeira Pessoal: da evidência à decisão, da decisão ao impacto Q &A
15:30-16:30	Best communication award Final presentations Carlos Borrego Auditorium
16:00 - 16:30	Network event: special coffee-break (DAO Hall) and voting
16:30 - 16:50	Fernando Santos, Muda o teu jogo The Global Leader Programme
16:50 - 17:30	Award ceremony Fundação Amélia Mello Prize for the best PhD Thesis in Chemistry and Chemistry Engineering Research Summit Best communication Award
17:30	UA Doctoral School and its student committee
	Evento closure

JULY 15 — 17

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RESEARCH '26

Science, Policy and Impact: from evidence to action

Agenda: Parallel sessions

Detailed program

Thursday 16

Parallel sessions
PhD researchers

Pedagogic complex

Coffee-break

Parallel sessions
PhD researchers

Pedagogic complex

Lunchtime

Parallel sessions
PhD researchers

Pedagogic complex

Coffee-break

Parallel sessions
PhD researchers

Pedagogic complex

Friday 17

Parallel sessions
PhD researchers

Pedagogic complex

Coffee-break

Parallel sessions
PhD researchers

Pedagogic complex

Lunchtime

 			
Time	Thursday 16th July (morning)		
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO] Building matter: from atomic design to material reality chair: Sónia Ventura, Pedro Carvalho, Ana Barros, Vitor Gaspar	[TEMA] Sustainable and resilient systems and industry chair: Margarida Coelho, Victor Neto	[CESAM] Environmental sustainability chair: Rosa Freitas, Glória Catarina Pinto
Chair			
9:00 - 9:30	Sustainable renewable co-polyesters via entropically driven ring-opening polymerization for functional biodegradable materials Julia KAPALKA, Feriel ABID, Robert KOURIST, Armando J. D. SILVESTRE, Andreia F. SOUSA	Techno-Economic and Environmental Analysis of Waste-to-Fuel Using Electrochemical Conversion and Fischer-Tropsch Synthesis Jayakrishnan K. Ravindran, Duncan P. Fagg, Margarida C. Coelho	Green public procurement in higher education institutions: a case study Santosh Bhandari, Myrtaim Lopes, Sara Moreno Pires
	Human platelet lysate-based hydrogels support angiogenesis under static and dynamic conditions Lucie Militão, Ana T. Rufino, João F. Mano, Catarina A. Custódio	Integrated Assessment of CO ₂ -to-Liquid Fuel Pathways: Process Simulation, Multi-Impact Life Cycle Assessment, and Dynamic Renewable Energy Analysis Ahmed Zubair Jan, D.P. Fagg, M.C. Coelho	DISPERFIRE: A fast large-scale wildfire smoke forecasting model Tobias Osswald, Carla Gama, Ana Isabel Miranda
	Lung tumours as a standardized 3D platform for advanced preclinical drug screening Margarida Henriques Pereira, Beatriz Cardoso, Luís P. Ferreira, Maria V. Monteiro, João F. Mano, Vitor M. Gaspar	Piezoelectrets em Sistemas Inteligentes: Avanços Recentes, Aplicações Emergentes e Desafios Tecnológicos Polyane Alves Santos, Elvio P. Silva, Leonardo S. Calres, Ronaldo M. Lima, Ruy A. P. Altafim, Sérgio M. O. Tavares, Rui. A. S. Moreira	Should the adoption of nature-based solutions be citywide or neighborhood-specific? A case study of green roofs in Eindhoven, the Netherlands Max Alberto López Maciel, Peter Cornelis Roebeling, Fabio A. Matos, Rick Llewellyn, Elisabete Figueiredo, Luuk Postmes, Mayke Van Dinter
9:30 - 10:00	Selective lithium recovery from aqueous media using tailored nanoporous materials Raquel T. Fernandes, Daniela S. Tavares, Eduarda Pereira, João Rocha	Experimental comparison of continuous and oscillating welding using blue laser light fiber Eva S.V. Marques, António B. Pereira, Francisco J. G. Silva	Salinity-driven modulation of reactive dyetoxicity in <i>Mytilus galloprovincialis</i> : Amulti-biomarker and PCoA assessment of sublethal effects of Remazol Brilliant Blue R. Alessandro F. Machado, Eduarda Pereira, Rosa Freitas
	REPROGRAMMING POLY(ETHYLENE TEREPHTHALATE) FOR CIRCULARITY: GREEN RING OPENING POLYMERIZATION AND CYCLODEPOLYMERIZATION OF PET/PEF COPOLYESTERS Feriel Abid, Flavie Reymond, Vinícius de Paula, Catarina F. Araújo, Armando J. D. Silvestre, Andreia F. Sousa	Assessing the viability of laser transmission welding for joining solid and foam thermoplastics António J. O. Ferreira, André F. R. C. Saraiva, J. Mesquita-Guimarães, Helena I. S. Nogueira, Mónica S. A. Oliveira, António B. Pereira, Fábio A. O. Fernandes	Bioplastics vs. fossil plastics: cytotoxic effects in human cells Laura Rama, Mónica Almeida, Miguel Oliveira, Maria de Lourdes Pereira
	Chasing the SAN: dissolution-based recycling of ABS polymers Vinícius de Paula, Paula S. S. Lacerda, Catarina F. Araújo, Paulo J. A. Ribeiro-Claro, Nathanaël Guigo, Filipe H. B. Sosa, Ana M. Ferreira, Andreia F. Sousa	Multi-objective optimisation of injection moulding parameters for In-Mould Electronics components Emad Izadi Vasafi, Nuno Silva, Victor Neto, Tatiana Zhiltsova	High-resolution multi-sector emission projections using big data and climate scenarios Daniel Graça, Joana Ferreira, Estela Vicente, Diogo Lopes
10:00 - 10:30	Sustainable fast sintering of thermoelectric ceramic oxides João L. Miranda, Mía-Eussa Gautier, Emmanuel Guilmeau, Alexander Tkach, Paula M. Vilarinho	X-ray microcomputed tomography post-processing for internal feature analysis in dense and porous steel structures Violetta V. Korsakova, Nuno Peixinho, Isabel Duarte	Seasonal variability in the lipid composition of <i>Microchloropsis gaditana</i> grown outdoors João Pereira, Tiago Conde, Diana Lopes, Natacha Coelho, Alexandre Rodrigues, Hugo Pereira, Ana Moreira, Tânia Melo, Maria Rosário Domingues, Felisa Rey
	Biocatalytic valorisation of avocado seed biomass for the development of functional bioplastics Nuno Moreira Silva, Ana Paula Tavares, Idalina Gonçalves	Comparative spectral evaluation of thermoformed piezoelectric sensors for partial discharge detection Leonardo S. Calres, Ronaldo M. Lima, Polyane A. Santos, Elvio P. Silva, Ruy A. P. Altafim, Sérgio M. O. Tavares, Rui. A. S. Moreira	Impacts of the co-exposure of PMMA NPs and cadmium on <i>Hediste diversicolor</i> Marta Silva, Miguel Oliveira, Dick Vethaak, Concepción Martínez-Gómez, Mónica Almeida, Ricardo Pinto, Carla Patinha, Pedro Pato, Etelvina Figueira, Adília Pires
		Avanços recentes na fabricação de piezoelectrets poliméricos: materiais, geometrias e técnicas de termoformagem Ronaldo M. Lima, Polyane A. Santos, Leonardo S. Calres, Elvio P. Silva, Ruy A. P. Altafim, Sérgio M. O. Tavares, Rui. A. S. Moreira	Recent morphosedimentary evolution and benthic habitat characterization of the inner continental shelf adjacent to Aveiro Gabriella Aleixo Rocha, Luís Menezes Pinheiro, Victor Silva
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO] Building matter: from atomic design to material reality chair: Sónia Ventura, Pedro Carvalho, Ana Barros, Vitor Gaspar	[TEMA] Data, modelling and decision-making chair: Pedro Prates, Paulo Jorge Teixeira Fernandes, Gabriel Constantinescu, Ana Reis	[CESAM] Environmental sustainability chair: Rosa Freitas, Glória Catarina Pinto
Chair			
11:00 - 11:30	Effect of ionic liquids on the enzymatic digestion of antibodies for antigen-binding fragments production Ana Miguel da Silva Loureiro	Phase Stability of Ruddlesden-Popper Stannate-Based Oxides under Reducing Conditions Relevant to Proton Ceramic Cells Alfredo S. B. Lumba, Allan J. M. Araújo, Vanessa C. D. Graça, Laura I. V. Holz, Duncan P. Fagg, Francisco J. A. Loureiro	Investigating isopod biodiversity patterns (crustacea: peracarida: isopoda) in the Clarion-Clipperton fracture zone (Pacific Ocean) to assess the impact of deep-sea mining Jasiel Gonzalez Bedolla, Maria Ribeiro da Cunha, Patrícia Esquete Garrote
	Avian Immunoglobulin Y as biopharmaceutical strategy to address Antimicrobial Resistance Catarina Almeida, Márcia C. Neves, Mara Freire	Applying Material Testing 2.0 on classical standard tests: limitations and opportunities Hakeem Adesanya Adewale	Isolation and Characterization of Novel Lytic Bacteriophages for the Biocontrol of <i>Pseudomonas</i> Spoilage in Sodium-Reduced Cheeses Inês Mendonça, Jo Matos, Inês Chaves, Carla Pereira, Simone Lopes, Jaime Fernandes, Nuno Alvarenga, Joaquin Rodriguez Pinilla, Rafael Tabla, Carmen S.R. Freire, Adelaide Almeida
	FEMCE.multiphysics - a comprehensive tool for magnetic regenerator optimization Henrique Souza, Rodrigo Kiefe, João Amaral	Geometry-Driven Optimization of Finned Heat Exchangers for Outdoor Electronic Cabinets Masood Shahbazi, P. V. Antunes, Ebrahim Seidi, A.B. Lopes, Sérgio Pereira, Ricardo Nascimento, Artur Ferreira	An Integrated Urban Environmental Comfort Framework for Evidence-Based Policy Sina Ataee, Myrtaim Lopes, Helder Relvas
11:30 - 12:00	Bioengineering a humanized bone-on-a-chip model leveraging macroporous cryogels Rita S. Ferreira, Maria F. Brandão, Elisa A. G. Martins, Catarina A. Custódio, Cátia F. Monteiro, João F. Mano	Numerical Modelling for Regenerative Cooling Design in Liquid Propellant Rocket Engines Tiago Gândara, Vitor Costa, João Dias	PMF-resolved metal-rich sources drive acute PM10 ecotoxicity in Luanda, Angola Alan Victor da Silva, Estela Vicente, Manuel Feliciano, Celia Alves
	Shaping the future of RNA bioprocessing: from purification until its improved stabilization with biobased ionic liquids Ana F. Pereira, Augusto Q. Pedro, Ana P. M. Tavares, Luís C. Branco, João A. P. Coutinho, Fani Sousa, Mara G. Freire	Validation of the numerical simulation of a bubbling fluidized bed reactor behavior João P. S. Almeida, Vitor A. F. Costa, Fernando J. N. Silva, Luís A. C. Tarelho	Co-creation of public policies for soil education: a participatory approach in national workshops of the CURIOISOL project in Portugal Lemerson de Oliveira Brasileiro, Ana Isabel Machado, Armando Cruz, Rita Rodrigues, Sónia Morais Rodrigues
	Exploring biological valorization of lipid industry waste streams through acidogenic fermentation by mixed microbial cultures André Oliveira, Júlia Chegão, Mário Coelho, Ricardo Magalhães, Sílvia Petronilho, Luísa S. Serafim	Stochastic model predictive control for pump scheduling in water supply systems using differentiable machine learning models Tiago C. Pereira, Ramon Vilanova Arbos, António Andrade-Campos	A composite sustainability index (CSI) for the bicycle industry Beatriz Pereira Triane, Mohammadreza Khalaj, Margarida C. Coelho, Sandra Rafael, Luís Pires, Ana Isabel Miranda

12:00 - 12:30	Exploring the use of chitosan for the development of novel thermoplastic and thermosetting materials Vasco Valente, Ana C. Q. Silva, Allison Vercasson, Armando J. D. Silvestre , Carla Vilela, Carmen S. R. Freire	Thermo-energetic characterisation of a domestic gas oven with natural gas and hydrogen-enriched blends: an experimental and data-driven approach Ana Delgado, Vitor Costa, Fernando Neto, Luís Tarelho	Comparative Analysis of drying methods on the lipid profile and nutritional value of <i>Atriplex portulacoides</i> and <i>Salicornia maritima</i> Marisa Pinho, Javier Cremades Ugarte, Ana Lillebø, Rosário Domingues
	Pressing-induced electrical signals in flexible PDMS/KNN/Graphite Hybrid Generators Noelle C. Zanini, Oleksandr Tkach, Lars R. Jensen, Paula Vilarinho	Real-time performance of WSS simulators in digital twins using a diagnostic digital model Mariana Alão, Ana Luís Sousa, Marlene Brás, Ana Luísa Reis, António Andrade-Campos	Production of H₂- and CO-rich gas from RDF and biomass gasification in a bubbling fluidized bed reactor Marianna Shevchenko, Luís A. C. Tarelho
	Computer Simulation of piezoelectricity in polymers Artur Baeta, Vittoria Fantauzzo, Paula M. Vilarinho, Paula Ferreira, Alessandro Troisi	Mechanistic simulation for synthetic data-based calibration of wastewater machine learning models Sara Mota, Ana Luísa Reis, Ramón Vilanova, António Andrade-Campos	Organic PM10 Extracts Modulate Macrophage Viability and Phagocytic Activity in RAW264.7 Cells Marlene Soares, Helena Oliveira , Célia Alves
12:30 - 13:00	B-Phycocerythrin Encapsulated with Polysaccharides for Potential Plant-Based Food Uses Alexandra Pereira Conde, Joana Pinto Oliveira, Bárbara M.C. Vaz, Andreia S. Ferreira, Cláudia Nunes, Hugo Pereira, Rute A.S. Ferreira, Sónia P.M. Ventura	Hydraulic model calibration for leak detection and localization in water supply systems Ana Luís Sousa, Mariana Alão, Marlene Brás, Ana Luísa Reis, Eugénio Rocha, António Andrade-Campos	Artificial light at night (ALAN) induces biochemical and behavioural alterations during early zebrafish development Maria S. Costa, Carla Quintaneiro, Amadeu M.V.M. Soares, Marta Monteiro, Carlos Barata, João L.T. Pestana
	Preserved Constituents in Abiotic Fixed Spheroids Enable NF-κB Regulation Without cGAS-STING Activation Diana F. Tavares, Ana F. Cunha, Hugo Osório, João F. Mano, Mariana B. Oliveira	DECODE-ESS: Coverage-Driven Synthetic Sampling for Explainable Tree-Based Surrogate Models José Cação, José Paulo Santos, Mário Antunes	Chemical Characterization Of Respirable Urban Road Dust And Its Potential Biological Effects Flóra Judit Varga, Balázs Kakasi, Celia Alves, Isabella Charres, Estela D. Vicente, Erik Hopotószki, Beatrix Jancsek-Turóczy
	Mechanochemical transesterification of potato starch with spent frying oil elucidating starch-lipid interactions for water-tolerant biodegradable bioplastics Yonathan J.R. Andrade, Sílvia Petronilho, Idalina Gonçalves	Advances in computational bone regeneration models: existing frameworks and future directions Diogo G. Pires, António Completo, Marco P. S. dos Santos	From Evidence to Action: Climate Justice and Adaptation Policies to Coastal Risks in Portugal Pedro Alexandre Seixas Silva, Myriam Lopes, Peter Cornelis Roebeling

13:00 - 14:00 Lunch (University facilities)

Time	Thursday 16th July (afternoon)		
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO] Building matter: from atomic design to material reality chair: Sónia Ventura, Pedro Carvalho, Ana Barros, Vitor Gaspar	[IBIMED] Biomedicine and rehabilitation sciences chair: Bruno Bernardes de Jesus, Alda Marques, Sandra Vieira	[CESAM] Environmental sustainability chair: Rosa Freitas, Glória Catarina Pinto
Chair			
14:00 - 14:30	Supported ionic liquids for human serum pretreatment: enhancing cancer biomarker detection Inês Cruz, Francisca A. e Silva, Mara G. Freire	Feasibility and Safety of a Structured Focal Vibration Dose-Response Protocol in Healthy Adults: A Double-Blind Pilot Randomized Controlled Trial Marta Peixoto, Ana Rita Pinheiro, Ana Catarina Cabral, Joaquim Alvarelhão	From willingness to pay to willingness to act: bridging governance gaps in deep-sea restoration Laura M. Trovão, Ana Hilário, Johanna S. Buerkert, Nadia Papadopoulou, Chris J. Smith, Jan P.M. van Tatenhove, Marloes Kraan, F.J.M. Porteiro, Marina Carreiro-Silva, Stephen Hynes, Helena Vieira
	Tuning laccase-driven poly(vinyl alcohol) depolymerisation through polyol-based biosolvents Mariana I. S. Aguiar, Daniela Espinola, Maria Inês C. Santos, João A. P. Coutinho, Ana P. M. Tavares, Frederik R. Wurm, Andreia F. Sousa, Ana M. Ferreira	Investigating peroxisome-dependent antiviral pathways through advanced 3D in vitro models Catarina Luís, Hans Waterham, Vitor Gaspar, Daniela Ribeiro	Combined effects of bisphenol A and lithium on biochemical and behavioral responses in the estuarine polychaete <i>Hediste diversicolor</i> Valéria Giménez, Etelvina Figueira, Adília Pires
	Development of protein extraction and recovery from <i>Hermetia illucens</i> Gabriel Graça, Pedro Moleiro, Emanuel V. Capela, Vanessa Vieira, Luis C. Branco, Ana P.M. Tavares, Mara Freire	Understanding why some neurons regenerate: an early transcriptomic perspective Bruna C. da Cruz, Patrícia D. Correia, Ana Rita Guimarães, Gabriela Moura, Frank Bosse, Sandra I. Vieira	Improving dry deposition modelling in Mediterranean ecosystems: sensitivity analysis and stomatal parameterisation at Castelporziano André Barreirinha, Sabine Banzhaf, Markus Thürkow, Carla Gama, Michael Russo, Martijn Schaap, Alexandra Monteiro
14:30 - 15:00	Engineering multifunctional bio-based composites from potato side streams and onion/garlic peel-derived fillers: Structure-property relationships for sustainable paper coatings Mariana Vallejo, Paula Ferreira, José Martinho Oliveira, Idalina Gonçalves	The Electronic Health Records in Physiotherapy Practice: A Scoping Review Marta Fernandes, Alexandre Pires, Fernando Ribeiro, Nuno Cordeiro, Eduardo Cruz	Deep learning detection of <i>Pinus pinaster</i> seedlings from UAS multispectral point clouds Tiago van der Worp da Silva, Luísa Gomes Pereira, Bruna R. F. Oliveira
	Distributed photonic molecular logic in lanthanide-bearing MOFs via multi-channel emission Zoé Languénou, Hélène Sérier-Brault, Carlos D.S. Brites	Phenotypic Remodeling of Mature TNBC Spheroids Under Prolonged CoCl₂-induced Hypoxic Stress Ana Maria Capela, Micaela Vicente-Lopes, Rafael Lopes Lemos, Bruno Bernardes de Jesus	On The Remote Tracking Of Shorebird Behavior: Characterizing The Functional Roles Of Different Habitats For Shorebirds Pranay S. Khadanga, Jose A. Alves, Joao R. Belo
	Challenges and best practices in the interpretation of DNA evidence in court Lisa Andrade Sampaio, Mónica Carvalho, Manuel Crespillo, Maria de Lourdes Pereira	Exploring the interaction between STING & PERK in an interferonopathy disease Mathieu Lourenço Alves, Lou Galliot, Catarina R. Almeida, Philippe Pierre	Light pollution in urban aquatic ecosystems: biological impacts and scientific challenges Bruna Silva, Joana Carmo, Diana Campos, Ana L. Machado, Nedim Tüzün, João L.T. Pestana
15:00 - 15:30	IMPROVEMENT OF PINE RESIN PRODUCTION AND ITS VALORIZATION Inês S.L.Farias, Nalin Seixas , Carla Vilela , Sónia A. O. Santos, Carmen S.R. Freire, Armando J. D. Silvestre	Technical heterogeneity in physiotherapist-led thoracic ultrasonography: a scoping review Daniela Cortesão Fernandes, Anastasia N. L. Newman, Vitor Hugo Azevedo, Raquel Maia, Alda Marques, Ana Oliveira	Carbon-First pyrolysis platform for high stability biochar and verifiable carbon removal. Raheel Qureshi
	Cell-driven dynamics of spontaneous particle folding Rosana Martins, Hélder Esteves , Cristóvão Dias, Nuno Araújo , Mariana Oliveira, João Mano	Peroxisomes on the frontline of cellular antiviral response: insights into morphology, metabolism, and organelle crosstalk Jéssica Sarabando, Michael Schrader, Daniela Ribeiro	Across deep Atlantic cold-water coral mounds: A comparative assessment of megabenthic communities Teresa Cardoso Ferreira, Ana Hilário, Covadonga Orejas, Claudia Wienberg
	Electroactive poly(L-lactic acid) polymer thin films for neuronal cell modulation Marta Fernandes, Maxim Ivanov, Paula Vilarinho	Assessing the needs of informal carers of adults with chronic respiratory diseases: a systematic review of available tools Raquel Vilar Marinho, Guilherme Rodrigues, Ulla Møller Weinreich, J. Joaquim Alvarelhão, Alda Marques	Chain Length-Dependent Toxicity of Long-Chain PFAS in the Mussel <i>Mytilus galloprovincialis</i>: Biochemical, Physiological, and Histopathological Responses Marta Cunha, Alessandro Nardi, Ana M. Gil, Rosa Freitas
	Reverse bioprinting based on hydrogel waveguides with luminescent photocrosslinking sensing Ana M. Costa, Lianshe Fu, Hugo Edgar-Villar, P. S. André, Vitor M. Gaspar, Rute A. S. Ferreira, João F. Mano	Changes in the inhaler medication after an asthma exacerbation in Dutch primary care Joana Antão, Guilherme Rodrigues, Brenda N. Baak, Frits M.E. Franssen, Martijn A. Spruit, Alda Marques	Solar-driven photocatalytic removal of antibiotics from wastewater using carbonaceous magnetic nanocomposites Valentina Silva, Marta Otero, Diana L. D. Lima, Vânia M. A. Calisto

15:30 - 16:00	Steady-state and time-resolved fluorescence analysis of ELP-TEMP as a step toward organelle-targeted intracellular thermometry Sílvia F.V. Silva, Rute A.S. Ferreira, Cong Quang Vu, Carlos D.S. Brites, Satoshi Arai, Luis D. Carlos	Measurement properties of the European Portuguese versions of the Canadian Occupational Performance Measure (COPM) and Pulmonary Functional Status and Dyspnea Questionnaire - modified version (PFSQ-M) in interstitial lung disease Cíntia Dias, Raquel Marinho, Sérgio Campainha, Chris Burtin, Alda Marques	
	Building bioinspired zinc-flavonoid coordination materials: structural design and antioxidant/antibacterial activity Adriana C. C. Gomes, Ricardo F. Mendes, Filipe A. Almeida Paz, João Rocha, Carmen S. R. Freire, Adelaide Almeida, Bárbara J. M. L. Ferreira	FTIME: Formulating individualized exercise prescription in COPD João Domingues, Patrícia Rebelo, Vitória Martins, Alda Marques	
16:00 - 16:30 Coffee-break (Complex Hall)			
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO] Building matter: from atomic design to material reality chair: Sónia Ventura, Pedro Carvalho, Ana Barros, Vitor Gaspar	[IBIMED] Biomedicine and rehabilitation sciences chair: Bruno Bernardes de Jesus, Alda Marques, Sandra Vieira	Zhejiang University & CICECO Flash talks
Chair			
16:30 - 17:00	Alternative Sample Pretreatment and Microfluidic Strategies for Enhanced Biomarker Analysis Maria S. M. Mendes, João P. Conde, Mara G. Freire, Francisca A. e Silva	Understanding Optix/SIX3 role in regulating cellular response to oncogenic stimuli Ana Beatriz Matos, Henrique Nóbrega, Laura Jesus Castro, Rui Gonçalves Martinho, Torcato Martins	Zhejiang University Student Pitches (30 min) Research interests and current projects.
	Determination of ion speciation in eutectic solvent - application towards anthranide recycling Michele D'Amico, Nicolas Schaeffer	Chromatin priming during differentiation generates intermediate states liable to oncogenic transformation Laura Jesus Castro, Beatriz Matos, Rui Gonçalves Martinho, Torcato Martins	
	Understanding the role of microstructure and magnetic domains - Finite-Temperature micromagnetics in magnetocalorics Rodrigo Kiefe, João Amaral	Changes in inhaler therapy after COPD exacerbations in primary care Guilherme Rodrigues, Joana Antão, Brenda N. Baak, Alda Marques, Martijn A. Spruit, Frits M.E. Franssen	
17:00 - 17:30	N2O sequestration from nitric acid industry tail gas using membrane contactor loaded with non-volatile solvents Beatriz Ferreira Esteves, Marisa Fernanda Batouxas Rodrigues, Alejandro França Gomes, Pedro Jorge Marques de Carvalho	Turning Thought into Action: A Virtual Reality Brain-Computer Interface for Spinal Cord Injury Rehabilitation José Gabriel Figueiredo, Júlia Ramos, Mafalda Aguiar, Márcia Gato, André Perrotta, Demétrio Matos, Tânia Poleri, Maria Ribeiro da Cunha, Sandra I. Vieira, Carla Pais-Vieira, Miguel Pais-Vieira	CICECO Flash Talks (60 min) Presentations highlighting complementary research areas and opportunities for collaboration. • Cátia Monteiro – Human-derived Biomaterials for In Vitro 3D Models and Regenerative Medicine • Paula M. Vilarinho – Materials for Next-Generation Electronic Devices • Luís D. Carlos – Luminescent Materials for Photonic Technologies • Paula Ferreira – Smart Functional Polymers and Printed Sensors • Cláudia Nunes – Functional Biomaterials for Bone Regeneration and Tissue Engineering • Manuel Melle-Franco – Digital Approaches for Materials Design
	Is age just a number? Paternal factors and early embryo development in donor oocyte cycles Pinto A1,2,3,4,5, Mesquita-Guimarães J1, Alves MG3,4, Pereira M.L4,5	Healing the spinal cord: the next breakthrough in repair Inês Martins, Rafael Lemos, Cláudia Nunes, Diogo Trigo	
	[CICECO & IBN-FSCOSD] Advanced materials: From research to innovation chair: João Labrincha, António Luís Ferreira	"The testis remembers": aerobic exercise and dietary correction mitigate obesity-induced subfertility despite of early-life testicular metabolic memory Rúben J. Moreira, Larissa P.S. Souza, Giuseppe T. Patané, Alice E. Thackray, Agnaldo B. Chies, Branca M. Silva, Pedro F. Oliveira, David J. Stensel, Rita Ferreira, Maria Angélica Spadella, Marco G. Alves	
17:30 - 18:00	From Risk Identification to Mitigation: A Structured Non-clinical Risk-Management Framework for ATMPs in Spinal Cord Injury Liliana Duarte, Bruno Gago, Paula Marques	The evolutionary impact of non-standard CUG translation in Candida albicans Gonçalo Sousa, Rita Guimarães, Maria João Carvalho, Sofia Marques, Gabriela Moura, Manuel Santos, Inês Correia, Ana Rita Bezerra	
	Human protein-based ultrathin membranes toward the development of self-assembled cell aggregates for osteo differentiation. Manuel Pires-Santos, Cátia F. Monteiro, João F. Mano	Impact of pyruvate availability and ER-stress in plasmacytoid dendritic cells: insights into fibrosis in Systemic Sclerosis Luís F. Mendes, Mariana D. Machado, Iola F. Duarte, Catarina R. Almeida	
	Defect engineering of Bi-doped LiVGeO4 for enhanced UV persistent luminescence in photocatalytic systems Inês Prouença, Marco Peres, Daniela Nunes, Joana Rodrigues	Matrix stiffness and ER stress modulate pDC-driven profibrotic signalling in systemic sclerosis Mariana D. Machado, Carolina Mazedo, Catarina R. Silva, Inês Loureiro, Luís F. Mendes, Philippe Pierre, Eduardo Dourado, Catarina R. Almeida	
18:00 - 18:30	Direct ink writing of acid-activated geopolymer adsorbents for Pb2+ adsorption from wastewaters Mariana M. Almeida, Nuno P. F. Gonçalves, Rui M. Novais	Exploring manual facilitation in physiotherapists with different levels of Bobath education: preliminary findings from an interpretive description study Sofia Marques, Julie Vaughan-Graham, Rui Costa, Daniela Figueiredo	Networking Session - Informal discussions between students and researchers.
	Enhancing the porosity of additively manufactured geopolymers for wastewater treatment Ana P. F. Caetano, Nuno P. F. Gonçalves, João A. Labrincha, Rui M. Novais	Exploring fibroblast's metabolism towards effective cell-based heart regenerative strategies Rafaela Dias, Bruno Bernardes de Jesus, Vitor Gaspar, Sandrina Nóbrega-Pereira	
	Capsule-based bioink to overcome diffusion limitations in 3D bioprinted constructs	Impact of endoplasmic reticulum stress on STING signaling Inês Loureiro, Fátima Leite-Pinheiro, Catarina R. Almeida, Philippe Pierre	
		Mercury exposure, lifestyle factors and IVF outcomes in infertile couples: a pilot cohort study Madalena Cabral, Magda Carvalho Henriques, Lia Costa, Marta Vieira, Ilda Pires, José Silva, Vitor Oliveira, Helena Serra, Eduarda Felgueira, Susana Loureiro, Margarida Fardilha	
18:30	Networking event (optionally promoted by the students of each research unit)		

 			
Time	Thursday 16th July (morning)		
Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematic	[GOVCOPP] Competitiveness, innovation and sustainability chair: Margarita Robaina, Elisabete Vieira	[CIPES] Shaping high education policy: evidence, governance and impact chair: Teresa Carvalho, Maria João Rosa, Estela Cunha, Beatriz Rocha	[LAQV-REQUIMTE] Food biochemistry chair: Sílvia Rocha
Chair			
9:00 - 9:30	Beyond Adoption: How Organisations Create Value from Artificial Intelligence through Readiness, Use, and Human-AI Interaction Beatriz Alexandra Santos, Manuel Au-Yong-Oliveira, Cicero Eduardo Walter	Identification of going concern UncertainTies in Auditor Opinions as Explanable Indicator of Bankruptcy Agostinho José	ZSweet2Go: Valorisation of sugarcane molasses as a functional sweetener for food applications Amélia Ribeiro Graça, Rita Bastos, Pedro A. R. Fernandes, Manuel A. Coimbra
	ESG performance and stock returns: does national culture matter? Tiago Miguel, Mara Madaleno, Elisabete Vieira, Encarna Guillamon-Saorin	Tema: A Pedagogia Inclusiva no Ensino Superior em Angola: Contributos para aFormacao de Professores a Luz do Desenho Universal para a Aprendizagem Saldanha Rogério	Unlocking aroma potential: a green analytical strategy for varietal aromotyping of Portuguese grapes Sara Moreira , Armando J. D. Silvestre, Sílvia M. Rocha
	Fatores determinantes da competitividade em redes de valor complexas em condicoes VUCA: uma revisao sistematica da literatura Domingos Daniel Sete, Silvina Maria Vagos Santana, Jorge Humberto Fernandes Mota	THROUGH THE FOG OF THE THIRD MISSION: A STRATEGIC MAP FOR UNIVERSITY-SOCIETYRELATIONS E. Cunha, T. Carvalho, M.J. Rosa, C. Figueiredo	Polysaccharide characterization from Agaricus bisporus by-products fordevelopment of functional ingredients Maria Inês Arranca, Rita Bastos, Filipe Coreta Gomes, Elisabete Coelho
9:30 - 10:00	Peer-to-Peer Energy Trading between Smart Homes inside Renewable Energy Communities Farideh Ghanavati, João Matias, Gerardo J. Osorio	Quality Management in Angolan Higher Education Nicolay Petranof da Cruz Africano, Maria João Pires da Rosa, Patrícia Helena Ferreira Lopes Moura Sá	Recovery of rare earth elements using untreated shrimp shells: a sustainable approach for NdFeB magnet recycling Nicole Ferreira, Thainara Viana, Bruno Henriques, Cláudia Nunes, Eduarda Pereira
	Challenges for Competitiveness andBusiness Sustainability in the PreciousMetals Market Dagoberto Ivo Santos	Custeio baseado em atividades eminstituicoes de ensino superior:Uma revisao sistematica da literatura Eduardo Nkossi Ngo	Making volatile profiling data comparable across grape-based beverage matrices Sónia G. Ribeiro, Cátia Vieira, Adelaide Almeida, Sílvia M. Rocha
	Innovation Management under ISO 56007:Participatory Design for CTM PlatformDevelopment in University-IndustryCollaboration Ana Gandarinho, Rui Patrício, Ana Daniel		From sea to land: valorization of autochthonous Portuguese species forfunctional beverages João Mota, Sílvia M. Rocha
10:00 - 10:30	Gender inequality as a structural constraint in European aquaculture Chen Yang, Helena Vieira		Healthypassion: from bioprospection of purple passion fruit to the preclinical evaluation of health-promoting food ingredients in a murine asthma model Alexandre M. A. Fonseca, Cláudia C. Loureiro, Armando J.D. Silvestre, Sílvia M. Rocha
	Organizational Dynamic Capabilities andCircular Economy Implementation: The Roleof External Pressures and ResourceCommitment in Sustainable Firm Performance Altaf Akbar, Ana Lillebø, Nina Szczygiel		Photocatalytic Synthesis of Sulfonylguanidines under Blue Light Manuel J. Verganista, Augusto C. Tomé, Carlos Monteiro, Nuno R. Candeias
	Empowering youth digital entrepreneurship:higher education institutions and onlinelearning communities as supportecosystems. Simão Pedro Sil, Conceição M. Cunha, António C. Moreira		Photoredox-catalyzed Giese decarboxylation of (-)-Quinic Acid: A green route to spiro-scaffolds and potentially bioactive frameworks Carina J. N. Cairés, Nuno R. Candeias
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematic	[GOVCOPP] Public policies, institutions and innovation chair: Nuno da Cruz, Sara Moreno Pires	[IT] Wireless Technologies chair: Arnaldo Oliveira	[LAQV-REQUIMTE] Clinical biochemistry chair: Pedro Domingues
Chair			
11:00 - 11:30	When Persistence Becomes a Trap: Adaptive and Maladaptive Entrepreneurial Persistence Among Female Founders in Germany Miriam Feldmann	From Clean Labs to Noisy Skies: Towards Real-Time UAV Radio Frequency Classification in Real-World Scenarios Guilherme B. L. C. Lourenço, Ricardo J. C. Figueiredo, Fabio D. L. Coutinho, Arnaldo S. R. Oliveira, Nuno B. Carvalho	Revisiting Exercise-Related Proteomics Data to Identify a Molecular Signaturefor Exercise Mimetics in Cancer Inês Aires, Daniel Moreira-Gonçalves3, Vito G. D'Agostino, Rita Ferreira, Rui Vitorino
	A Capacidade de Influencia das ONGA nas Reservas da Biosfera Transfronteiras de Portugal Santos, Emily , Sara Moreno Pires	Multistatic Sensing for 3D Imaging in Distributed MIMO OFDM Radar Joumana Kassam, Daniel Castanheira, Adão Silva, Atílio Gameiro	Biofabricated 3D breast cancer models for assessing the impact of microbial metabolites on neoadjuvant therapy response Beatriz Teixeira, João. F. Mano, Vítor M. Gaspar, Iola F. Duarte
	Envelhecimento populacional em Portugal Continental: Evidencias Territoriais e asPolíticas Publicas de Cuidado Vânia Fernandes, William Melo	Communication-centric partially connected hybrid beamforming design for ISAC systems Leonardo Leyva Lamas, Daniel Castanheira, Adão Silva, Atílio Gameiro	Metabolomics and lipidomicscharacterisation of iPSC-derived brainorganoids during unguided andmorphogen-guided differentiation Hugo Arede, Mariana. G. Pereira, Tatiana Maurício, Elia Leonardi, Lucrezia Ciccone, Silvia Holler, Luca Tiberi, M. Rosário Domingues, Pedro Domingues, Iola F. Duarte
11:30 - 12:00	Digital-age persuasion: how short-form media frames influence young adults' right-leaning political judgements Bernardo Marques, Paulo Alexandre de Oliveira Duarte	On the Input Capacitance of AlGaN/GaN HEMTs: Physical Mechanisms and TCADAnalysis Ahmad shafiei Alavijeh, Luis Cotimos Nunes, Jose Carlos Pedro	Proteomic characterisation of iPSC-derived brain organoids during unguided and morphogen-guided differentiation Mariana G. Pereira, Hugo Arede, Tatiana Maurício, Elia Leonardi, Lucrezia Ciccone, Silvia Holler, Luca Tiberi, Iola F. Duarte, Pedro Domingues
	Corrupcao, Confiança Institucional e Polarizacao Afetiva em Portugal Nuno Soares	Modeling the Effects of Field Plates On AlGaN/GaN HEMT devices Kenji V. Morimoto, Luls C. C. Nunes, José C. E. D. Pedro	
	O impacto das politicas publicas nosprogramas doutorais e na investigacaocientifica em enfermagem Mónica Pimentel	Two-Tone Harmonic-Balance Modeling for Fast Linearizability Assessment of Wideband RF Power Amplifier Bruna Temporal Marcondes, Filipe M. Barradas, Telmo R. Cunha, José C. Pedro	

12:00 - 12:30	Land Use Impact Assessment of Bioeconomy Strategies: Evidence from a Systematic Literature Review Marina Morthy Pereira, Alexandra Polido	Waveform-Engineered Concurrent Power Amplifiers for Multi-Band Transmitters Sayedmohammad Daneshvar Farzanegan, Filipe M. Barradas, Luis C. Nunes, Prof. Pedro M. Cabral, Prof. José C. Pedro	[GEOBIOTEC] Geosciences and the SDGs: vision and action chair: Nuno Durães
	A avaliacao do desempenho como dispositivo de governacao na administracao publica portuguesa: uma analise critica a partir do SIADAP 3 Liliana Pereira , Ana I. Melo, Teresa Carvalho	Origami antennas for adaptive communication, sensing and wireless power transfer systems Mariana Amador, Pedro Pinho, Paula Vilarinho, Igor Ferreira	O aproveitamento de geomateriais como materia-prima para a protecao costeira em Mocambique Wilma Quiba, Fernando Rocha, Fernanda Ferreira
	Between Mobility and Permanence: A Decade of Medical Retention Policies in Portugal Carolina Paula Tavares Guedes, Luis Monteiro, Margarida Pereira	From technical literature to verified electromagnetic simulation: averification-gated agentic AI workflow for antenna engineering Gonçalo Gomes, Pedro Pinho, Mário Antunes	Ceramic production technologies and cultural transformations in central portugal (3rd-11th centuries ad): a georchaological approach Raquel Lacerda , Fernando Rocha, Sónia Vicente, Luca Dimuccio
12:30 - 13:00	Exploring agency features as barriers and opportunities in decision-making processes for urban sustainability transformations Ticiana Ponte, Maria da Luz Fernandes, Margarida Pereira, Filipe Teles, Alexandra Polido	Multi-reconfigurable antenna for low-earth orbit satellite constellations Filipa Antunes, Tiago Varum, João N. Matos	
	Conhecimento, atitudes e percecoes da comunidade academica acerca das politicas de cannabis Gabriela Cierco	RIS-Aided through wall radar sensing Álvaro Frazão, Pedro Pinho, Daniel Albuquerque	
	Barriers to digital transition in the Portuguese justice system Sérgio Resende, Gonçalo Paiva Dias	Sensing-assisted beam roubustness and re-acquistion for 6G mobile communication Ruba Mahmoud, Daniel Castanheira, Adão Silva, Atílio Gameiro	

13:00 - 14:00	Lunch (University facilities)
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Time	Thursday 16th July (afternoon)		
Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematic	[GOVCOPP] Decision support systems chair: Monique Borges, Miguel Viegas	[IT] Optics and photonics chair: Miguel Drummond, Armando Pinto	[PDEC] Thesis project defense in cultural studies chair: Maria Manuel Baptista; Rui Grácio
Chair			
14:00 - 14:30	Transformational leadership and psychosocial factors in cardiac sonographer performance: an individual-level analysis Joana Braga, Andreia Vitória, Ana Dias	Investigating low-complexity digital signal processing algorithm for very-high-speed coherent passive optical networks Eronmhon Augustine Ogobor, Fernando P. Guiomar, Paulo Monteiro	Culture as a Tool for shaping National Identity in Northern Nigeria. Examining the Durbar and the Argungu Festival. Funmilayo Bets Obalugmoh
	COASTA: Advancing HIDRALERTA as a Policy-Support Tool for Local Coastal Risk Management in Portugal Larize Lima, Filomena Martins, Conceição Fortes, Liliana Pinheiro	Enabling Tbit/s Class WDM-FSO Downlinks from LEO through Adaptive Modulation and Channel Count Allocation Diogo M. Malheiro, Cornelis Willem Korevaar, Paulo P. Monteiro, Fernando P. Guiomar, Gil M. Fernandes	
	Air pollution, health, and macroeconomic dynamics in Portugal: economic costs and the role of environmental policies Camila Pereira, Mara Madaleno, Margarita Robaina	3D Optical Wireless Communications Enabled by Unmanned Aerial Vehicles Nwanze Nzekwu	
14:30 - 15:00	Beyond General Financial Literacy: Domain-Specific Competencies and Financial Decision-Making in Portugal Bárbara Carvalho, Mara Madaleno		Cidadania e Desenvolvimento no 1o ciclo do ensino basico Bruno Eduardo de Urbano Seco Coelho
	Built environment and heritage as an educational space: memory and projection in a gentrified city Joana Margarida Duarte, João Canas, João Lourenço Marques, João Ferreira-Santos	Simplifying Multi-Aperture FSO Communications Through Phase-Insensitive Optical Beam Combining Vitor Correia, Paulo Monteiro, Maria Carmo Medeiros, Fernando Guiomar, Gil Fernandes	
	Machine learning fails to improve discretionary accruals: evidence from european restatements Rui P. Chaves da Silva, Carlos Pinho	Overcoming the characterization challenge in cascaded photonic integrated devices Ana Clara Marques, Miguel Vidal Drummond, António Luís Jesus Teixeira	
15:00 - 15:30	Dilemmas of territorial cohesion in portuguese border regions: from evidence to policy action José Manuel Gonçalves Pereira, João Lourenço Marques, Domingos Santos	Fiber-Wireless Convergence for Next-Generation Optical Access Salma Yahyaoui, Fernando P. Guiomar, Paulo P. Monteiro	Oligarquias Algoritmicas: Visibilidade e Mediacoes nas Plataformas Digitais José Manuel da Silva Valente Pinto
	Designing ProVisio: a generative-AI-augmented BI artefact for SME decision-making - a design science thesis-progress report Javier Cuervo, Rui Pedro Figueiredo Marques		
	Housing Policies in Portugal: Social Justice, Multilevel Governance, and Public Policy Evaluation João Vicente , João Lourenço marques, Monique Borges	Compact beam alignment in free-space optical links using multi-core fiber coupling Manuel M. Freitas , Marco A. Fernandes, Paulo P. Monteiro, Fernando Guiomar, Gil M. Fernandes	
	When Persistence Becomes a Trap: Adaptive and Maladaptive Entrepreneurial Persistence Among Female Founders in Germany Miriam Feldmann	Optimization of CV-QKD systems for field deployment Margarida Almeida, Iris Guilherme, Armando N. Pinto, Nuno Silva	Entre a formacao e a pratica: vivencias e negociacoes sobre corpo e genero no ensino superior em danca Maria Fernanda Frazão, Rita Himmel, Renata Gaspar

15:30 - 16:00	Multi-criteria decision-making for strategic planning in cardiovascular care Sandra Caceiro Ramos da Silva, Silvina Santana, Filipe Sardo	Satellite-to-earth quantum communication links assisted by superconductingnanowire single-photon detectors Jaime Vieira, Nelson Muga, Nuno Silva, Armando N. Pinto	

16:00 - 16:30	Coffee-break (Complex Hall)		
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Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematic	[TEMA] Society, policy and health chair: Eloísa Macedo, Jorge Bandeira	[IT] Optics and photonics chair: Miguel Drummond, Armando Pinto	[PDEC] Thesis project defense in cultural studies chair: Maria Manuel Baptista; Rui Grácio
Chair			
16:30 - 17:00	Advanced tumor-on-a-chip platform with integrated electrodes for personalized electrochemotherapy A. Catarina Moreira, Marco P. Soares dos Santos, João F. Gil, Vítor Gaspar, Gil Gonçalves	Quantum Random Number Generation for Cryptographic Applications Mauricio J. Ferreira, Nuno A. Silva, Armando N. Pinto, Nelson J. Muga	Visibilidade negociada: genero, autopromocao e poder nas redes sociais deatrizres portuguesas Inês Nascimento
	Integrating Hydrostatic Pressure andNeural Crosstalk for Advanced BoneRegeneration Bárbara S. Baptista, António Completo, Priscila Melo, Nathalie Barroca	Numerical Investigation of Bell Nonlocality Under Constrained Multi-Plane Measurement Geometry Piyush Saklani, Armando Nolesco Pinto, Nuno Silva	
		Fully-passive high-dimensional quantum key distribution with time-energy entanglement from spontaneous parametric down conversion João Costa, Armando N. Pinto, Nuno A. Silva	
17:00 - 17:30			As condicoes das praticas de cuidado: poder,economia e etica - o caso de estudo MuseuNacional Soares dos Reis Bárbara Silva
		Polarization-division multiplexing continuous-variable quantum key distribution over optical fibers Íris Guilherme, Margarida Almeida, Armando N. Pinto, Nuno A. Silva	
		Timely and reliable localization based on optical camera communication Miguel Rêgo, Luís Nero Alves, Pedro Fonseca	
17:30 - 18:00		Implementation of visible light communication carrier synchronization for theinternet of things Luís Rodrigues, Mónica Figueiredo, Luís Nero Alves	Maternidade, Biopolítica e Nacao: Genealogias Autoritarias de Genero na Direita Radical Contemporanea Gonçalo José Pinheiro da Silva
18:00 - 18:30			Sob o feitico de uma estrela: ideologia patriarcal e agencia feminina na imagemde Olivia de Havilland Miguel Moreira, Alexandre Almeida

18:30	Networking event (promoted by the students of each research unit)
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SU//IT RESEARCH '26			
Thursday 16th July (morning)			
Time			
Room	Room 23.3.10	Room 23.3.11	Room 23.3.14
Thematic	[PDT] Thesis project defense in tourism chair: Celeste Eusébio; Carlos Costa; Elisabeth Kastenholz	[CLLC] Does the algorithm have a gender? – Come find Out! chair: Beatriz Yaunner, Helena Ferreira	[PDEQ] Thesis project defense in chemical engineering chair: Sónia Ventura
Chair			
9:00 - 9:30	An analysis of the aesthetic dimension of the Experience Economy in the world's most visited Art Museums, mediated by Online Travel Reviews and Large Language Models Cláudia Mokdisse, Filipa Brandão, Dália Liberato, Fernando Toro Sánchez	O Algoritmo Tem Género? - VEM DESCOBRIR! Helena Ferreira, Beatriz Yaunner	RemAb: Reshaping mAbs biomanufacturing with ionic liquids João Vasco Valente, Emanuel V. Capela, Ana C. A. Sousa, João P. Coutinho, Mara G. Freire
	Factors influencing sustainable leadership implementation in tourism companies: A multilevel perspective Camile Maia, Zélia Breda		Supercritical fluid extraction and purification of cannabinoids Ângela Alexandre, Mário M. Q. Simões, Carlos M. Silva, Inês Portugal
9:30 - 10:00			
10:00 - 10:30	Determinants of diaspora entrepreneurship in the tourism sector: The case of Angolans in Portugal investing in Angola Herculano Abreu		Systemic approach to plastic waste management: from technical and entrepreneurial to governance and policy challenges Patrícia Carvalho, Ana Barros-Timmons, Sara Moreno Pires
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Room 23.3.10	Room 23.3.11	Room 23.3.14
Thematic	[PDT] Thesis project defense in tourism chair: Celeste Eusébio; Carlos Costa; Elisabeth Kastenholz	[DigiMedia] New media@Multimedia in education chair: Jorge Ferraz e Luís Pedro	[PDEQ] Thesis project defense in chemical engineering chair: Sónia Ventura, 15 presentations
Chair			
11:00 - 11:30	Regenerative industrial tourism as a tool for territorial regeneration in rural areas Ana Rita Fachada, Celeste Eusébio, Elisabeth Kastenholz, Maria João Carneiro	Participatory Design of a Digital Educational Game for Preschool SEL Joana Raminhos Silveira, Oksana Tymoshchuk, Ana Isabel Veloso	Development of data-efficient artificial intelligence and digital chemical spaces for molecular design Rafael A. F. Serrano, Dinis O. Abranches
		Arquitetura Narrativa Interativa (ANI): Reconstituir a Coerência Narrativa no Jornalismo Digital Carlos Queirós, Hélder Caixinha	
		Textual affective design in AI agents to support university students Thais Bernardino do Nascimento, Telmo Silva, Nelson Zagalo	
11:30 - 12:00	Integração territorial em Bio-Regiões e reforço da atratividade turística: perceções e valorização da população residente Ricardo Martins, Filipa Brandão, Celeste Eusébio	Identifying AI Literacy Gaps among Higher Education Teachers in a Portuguese University: A Multidisciplinary Interview Study Syeda Faryal Hussain Khurram, Nelson Zagalo, Vania Carlos	Desenvolvimento de um processo hidrometalúrgico integrado para a reciclagem completa de materiais catódicos e eletrólitos de baterias de ião de lítio (LIBs) em fim de vida. Bernardo Benjamin Neves Bengui
		Privacy-Aware User Experience Design for Agentic AI Companions Used by People with Disabilities Faith Obafemi, Rita Santos	
		Youth, News, and Politics in the Age of Social Media Catarina Feio, Lídia Oliveira	

12:00 - 12:30	Transforming European Thermal Spa Towns: Governance, Legitimacy and Territorial Adaptation Marta Lima, Carlos Costa, Suzanne Amaro	Impacts of a virtual cycling tourism intervention among older adults in long-term care facilities: a research proposal Fabrício Marques, Ana Isabel Veloso, Maria Sameiro Maio, Oscar Ribeiro	Mycosporine-like amino acids as natural photoprotective compounds from marine resources Júlia Pissaia Matté, Sónia G. Patrício, Sónia P. M. Ventura
	Toward design guidelines for eye-gaze interaction in musical applications for children with cerebral palsy Lucius Vinicius-Filho, Nelson Zagalo, Oksana Tymoshchuk , Carlos Marques		
	Aprendizagem de piano a distancia com estudantes iniciantes Tiago Bastos, Mónica Aresta, Clarissa Foletto		
12:30 - 13:00	The role of tourism in promoting social innovation: proposal of a conceptual model for community development in tourist destinations Nádia Quaresma, Filipa Brandão, Dália Liberato	Cidades invisíveis: experiencias gamificadas em realidade aumentada sobre ofenomeno migratorio Francisco Javier Chavelas Reyes	What Governs Viscosity in Hydrophobic Eutectic Systems: Component Selection and Non-Ideality Maisa Saldanha Pinheiro , Felipe Olea, João Coutinho, Michele D'Amico, Nicolas Schaeffer
		Rethinking human-AI communication frameworks: the role of generative AI in enhancing academic advising Filipe Silva, Nelson Zagalo, Oksana Tymoshchuk	
		Interactive music video in virtual reality: viewer agency in spatialized narrative Nuno Filipe da Cunha Barbosa, Mário Vairinhos	
13:00 - 14:00 Lunch (University facilities)			

Time	Thursday 16th July (afternoon)		
Room	Room 23.3.10	Room 23.3.11	Room 23.3.14
Thematic	[PDT] Thesis project defense in tourism chair: Celeste Eusébio; Carlos Costa; Elisabeth Kastenholz	[PDPP] Thesis project defense in public policies chair: Filipe Teles, Teresa Carvalho	[PDEQ] Thesis project defense in chemical engineering chair: Sónia Ventura
Chair			
14:00 - 14:30	Participatory Strategic Planning for Reviving Underutilized Tourism Destinations in Africa: The Case of Nigeria Prisca Abam Emmanuel	Entre o curto e o longo prazo: meios de comunicacao social, visibilidade mediatica e agenda das politicas de saude Ana Gabriela Cabilhas	Development of functionalized membranes for metal separation in hydrometallurgical processes Bruna Ferreira, Nicolas Schaeffer, Pedro Carvalho
14:30 - 15:00	Anthropomorphism and tolerance to service robot failure in restaurants: Extending the Technology Acceptance Model Ana Catarina Monteiro, Armando Luís Vieira, Arthur Araújo	A seletividade do oversight no ciclo das politicas publicas: criterios, praticas e implicacoes Wesley S. Silva	Exploiting early stages of Porphyrin sp. as sources of bioactive compounds with potential in nutraceutical applications Inês Oliveira, Margarida Martins, Sónia P. M. Ventura
15:00 - 15:30	The role of lifestyle entrepreneurs in regenerative rural tourism: the case of the central region Maria Manuel Loureiro, Elisabeth Kastenholz, Conceição Cunha	Atrair não e reter: capacidade estatal e policy feedback de estudantes brasileiros de pós-graduação em Portugal Diego R. D. Pontes	Bio-based optical materials from red macroalgae: towards sustainable sensing of UV/blue radiation and temperature for biomedical applications Joana Pinto Oliveira, Margarida Martins, Rute A. S. Ferreira, Sónia P. M. Ventura
	Conceptualizing tourism destination competitiveness: The residents' perspective Mariana Vieira, Rui Costa	Efeitos das mudanças de governo na continuidade, implementação e efetividade das políticas ambientais em Minas Gerais, Brasil Fernanda Teixeira Silva	Salicornia ramosissima as a novel source of bioactive compounds to produce wound-healing bio-based patches Ana R. F. Filipe, Ruben Ribas, Vitor Sencadas, Sónia P. M. Ventura

15:30 - 16:00			
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16:00 - 16:30	Coffee-break (Complex Hall)		
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Room	Room 23.3.10	Room 23.3.11	Room 23.3.14
Thematic	[PDT] Thesis project defense in tourism chair: Celeste Eusébio; Carlos Costa; Elisabeth Kastenholz	[PDPP] Thesis project defense in public policies chair: Filipe Teles, Teresa Carvalho	[PDEQ] Thesis project defense in chemical engineering chair: Sónia Ventura
Chair			
16:30 - 17:00	Blue creative tourism: A development model for coastal destinations Marta de Alexandre, Rui Augusto da Costa, Adriana Fumi Chim-Miki	Sistemas de Gestao de Desempenho e Integracao de Sustentabilidade em Instituoes Publicas de Ensino Superior em Portugal Victoria Alich	Design of ionic liquids for high-temperature applications João Fabian, Filipe Sosa, João A. P. Coutinho
17:00 - 17:30	Regenerative Gastronomy Tourism: A Framework for Rural Economic Sovereignty in West Java Tourism Villages Dendi Gusnadi	Plastic forests and absent ecosystems: the institutional design of european funds and performative compliance in regional innovation (Projeto de tese) Gleidcy Rocha	Integrated computational and enzymatic approach for the biodegradation of polymers in liquid formulations Miriam D. Guimarães, Mónica A. R. Martins, João A. P. Coutinho, Ana M. Ferreira
17:30 - 18:00	ESG-Driven Transformation in Tourism: Assessing the Impact of Turismo de Portugal's Empresas Turismo 360? Program on SMEs' Operational Performance Uzoma Lacerian Oguh		Sustainable and scaled-up technology to extract proteins from tenebrio molitor using aqueous solutions of bio-based ionic liquids Pedro Moleiro, Luís C. Branco, Marisa Santos, Mara G. Freire
18:00 - 18:30	Digital assistive devices in accessible tourism: impact on perceived accessibility, well-being, and satisfaction among mobility disabled tourists Lynda Lilian Oturu		Fractionation and purification of terpenes using alternative mass separation agents Aline Zambom, Héctor Rodríguez, Simão P. Pinho, Olga Ferreira, João A. P. Coutinho

18:30	Networking event (promoted by the students of each research unit)		
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Time	Thursday 16th July (morning)		
Room	Room 23.3.15	Room 23.2.3	Auditório CCCI
Thematic	[DBI] Thesis project defense in business innovation chair: Bárbara Gabriel	[PDEM] Thesis project defense in mechanical engineering chair: Isabel Duarte	[INET-Md] Music and community engagement: practices, artistic dialogue, and contemporary challenges chair: Sofia Serra
Chair			
9:00 - 9:30	AI-driven workforce transformation in UK accounting firms: a human capital and organisational change perspective Marianne Jemide, Manuel Au-Yong-Oliveira, António J. R. Neves	Optimisation of Resistance Spot Welding for Hot-Stamped Automotive Components (OPTIMWELD) Amirhossein Gandomirouzbahani, Fábio António Oliveira Fernandes, António Manuel de Bastos Pereira	
			Media multitasking during music practice and its effect on performance Diana Gaspar, Luis Pedro, Pedro Rodrigues
			Forro as Intangible Cultural Heritage: bottom-up strategies in a mobility context Rute Carolina da Cunha Benigno
9:30 - 10:00	From Hardware to Systems: Enabling Cyber-Physical Innovation Réka Leisztner, Manuel Au-Yong-Oliveira, Diogo Gomes	Multi-objective optimization and improvement of offshore structures and wind towers assisted by machine learning and additive manufacturing Justino Abilio, Sérgio Tavares, Joana Guimarães	Some Forms of Recognition in a Samba Context Gabriel Arruda
			Outros Rituals: Performance Musical e Conhecimento Relacional a través da Investigação Artística Guillermo Bocanegra Jiménez
			Roundtable
10:00 - 10:30	Licença social para operar e protocolos de consulta: diretrizes para empresas atuarem com comunidades tradicionais no mar Nancy Gomes dos Santos, Celeste Varum, Marta Ferreira Dias	A Framework for Modular Unit Design in Industrial Automation Environments João M. V. Moreira, António Completo	
10:30 - 11:00 Coffee-break (Complex Hall)			
Room	Room 23.3.15	Room 23.2.3	Auditório CCCI
Thematic	[DBI] Thesis project defense in business innovation chair: Bárbara Gabriel	[PDEM] Thesis project defense in mechanical engineering chair: Isabel Duarte	[INET-Md] Creativity and artistic practice in music: experiences, dialogues and perspectives chair: Alfonso Benetti
Chair			
11:00 - 11:30	Governing LLMs in High-Risk Automated Decision-Making: A Compliance-by-Design Framework under the EU AI Act and GDPR Lukas Draheim, Paulo Batista	Computer Vision and Artificial Intelligence for Adaptive and Perception in Collaborative Robotic System Himani Varolia, César M.A. Vasques, Adélio M.S. Cavadas	10:20 Silence as a Phenomenon of Confinement: An Artistic Exploration within the Portuguese Prison System Pedro Emanuel Pereira
			10:30 Gestures and figures: integrating composition, performance, and fixed audiovisual media Huayma Tulian, Helena Marinho
			10:40 From the archive to the stage: an experimental recreation of Euripides's Medea Gustavo Afonso
11:30 - 12:00	From awareness to action: a business game approach for initiating digitalization in SME production and intra-logistics Alexander Bäck, Sérgio Tavares, Klaus-Jürgen Meier	A 3D-Printed Modular Autonomous Mobile Robot for Multi-Environment Operation: Design, Integration, and Experimental Evaluation. Maaz Ali Khan, César M.A. Vasques, Adélio M.S. Cavadas	10:50 Reconfiguring the Classical Concert Through Improvisation and Instrument Augmentation Jonathan Silva
			11:00 Creativity and Artistic Practice in Music: Experiences, Dialogues and Perspectives through Hypercuba Luam Gabriel Clarindo Nunes
			11:10 Roundtable

12:00 - 12:30	Inovação regulatória na governança hospitalar Joaquim Tolosso	Modular Hybrid Moulds for Footwear Afonso Pereira, Mónica S.A. Oliveira, Paulo S. Lima, Pedro Duarte	11:40 Amalia Brasileira: The Trajectories of Amalia Rodrigues in Brazil through anEthnography of Archives (1944-1972) Marina Bonfim Pacheco
			11:50 The guitar in Portugal in the XIX and XX centuries: an archival study Beatriz Oliveira
12:30 - 13:00	AI governance in Nigerian financial services: board frameworks for ethical and legal oversight Paul T. Oki, António J.R. Neves	Tailored Steel-Copper Functionally Graded Materials for Injection Mould Thermal Management via Wire-Laser Directed Energy Deposition Ricardo A. Inácio, Joana Mesquita-Guimarães, Sérgio M. Tavares, Gabriel Ribeiro	12:00 Cavaquinhos e braguinhas: territórios e dinâmicas entre Brasil e Portugal Lucas Ladeia Ribeiro, Jorge Manuel de Mansilha Castro Ribeiro, Fernando Martins de Castro Chalb
			12:10 The record before listening: material traces, sound practices and phonographic circulation Daniel Filipe da Costa Domingues
			12:20 Roundtable
13:00 - 14:00 Lunch (University facilities)			

Time	Thursday 16th July (afternoon)		
Room	Room 23.3.15	Room 23.2.3	Auditório CCCI
Thematic	[DBI] Thesis project defense in business innovation chair: Bárbara Gabriel	[PDEM] Thesis project defense in mechanical engineering chair: Isabel Duarte	[DigiMedia] students@DigiMedia chair: Mónica Aresta; Nelson Zagalo
Chair			
14:00 - 14:30		Data-driven material modelling using AI techniques: accurate big data generation through full-field tests and robotics Dário Mitreiro, Sandrine Thuillier, Pedro Prates	Evaluation of musical applications based on eye-tracking challenges: a usabilitytest Inês Caetano, Lucius Vinicius-Filho, Nelson Zagalo, Oksana Tymoshchuk, Rita Oliveira, Carlos Marques
			Design Optimization of e-books toDisseminate Scientific Content: TheDigitalOBS Experience Beatriz Ponte, Maria Manso, Catarina Feio, Oksana Tymoshchuk, Lidia Oliveira, José Nunes
			Let the microorganisms have a day off Rui Sousa, Yeva Poberezhna, Ana Beatriz Neves, Carlos Torres, Ana Cristina Esteves, Pedro Beça
14:30 - 15:00		Interoperable hybrid digital twins forindustry: integrating physics-basedmodels and experimental data Dmitri Tchepel, Sérgio Tavares, Natacha Rosa	Assessing Empathy Towards Fictional Characters in DigitalGames: Development, Translation, and Validation of the FCECA Scale Beatriz Castro, Inês Soares, Lucas Pereira, Thalles Pereira, Tânia Ribeiro
			Mapeamento dos efeitos da colaboracao humano-IA em tarefas de producao escrita no pensamento critico e criativo de estudantes do ensino superior - conclusoes preliminares de uma revisao integrativa da literatura Ana Raquel Carvalho, Márcia Martins, Alice Coanhas
			Moving Together in Dementia: the MOVEDEMPproject website development Ana Guedes, Óscar Ribeiro, Flávia Borges-Machado
15:00 - 15:30		Temperature-dependent mechanical behavior of 3D-printed polymeric structures for precision robotics: Thermal management and control strategies Hamid Reza Ashrafi, César M.A. Vasques, Adélio M.S. Cavadas, Mário J.C. Tomé	The creathon experience: a human-centred approach to designing an intensive challenge-based learning framework for european higher education Catarina Lélis, Daniela Carvajal, Maria Monteiro, José Duarte, Sofia Almeida
			Utilizacao de IA generativa na Universidade de Aveiro Pedro Topete, Anabela Brandão, Maria Ferreira, Nelson Zagalo, Luis Pedro
			Interactive music video in virtual reality: viewer agency in spatialized narrative Nuno Filipe da Cunha Barbosa, Mário Vairinhos
			Self-Sensing Technologies for 3D-Printed Multifunctional Structural Robotic Links with Human-Inspired Capabilities Sultan Ahamad, César M. A. Vasques, Adélio M. S. Cavadas

15:30 - 16:00			

16:00 - 16:30	Coffee-break (Complex Hall)		
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Room	Room 23.3.15	Room 23.2.3	Auditório CCCI
Thematic	[RISE-HEALTH] RISE in action: next-gen minds, real-world health impact chair: Oscar Ribeiro, Daniela Figueiredo, Ana João Santos	[PDEM] Thesis project defense in mechanical engineering chair: Isabel Duarte	[DigiMedia] students@DigiMedia chair: Mónica Aresta; Nelson Zagalo
Chair			
16:30 - 17:00	Parents and children's stories: proximities and distances Sandra Ribeiro, Alexandra Lopes, Eduardo Duque, Carla Faria	Computational Mechanics and Intelligent Modeling of Flexible Multibody Robotic Systems Considering Additive Manufacturing Processes Hassan Ali, César M.A. Vasques, Adélio M. S. Cavadas	
	Two-week balneotherapy in a spa setting for chronic low back pain in older adults: a single-blind randomized controlled trial Nelson Albuquerque, Wally Strasse, Joaquim Gabriel, Liliana Gonçalves, Laetitia Teixeira, Pedro Cantista		
	Communicating genetic cancer risk within families: a study on the responsibility to inform at-risk relatives Iara Ribeiro, João Tavares, Álvaro Mendes, Liliana Sousa		
17:00 - 17:30	Ageing and Intellectual Disability in Social Solidarity Cooperatives supported by FENACERCI: Profile of older adults with Intellectual Disability in Portugal Mariana Letra	EMPOWER - Enhancing Methods and Practices in Female Boxing Employing Advanced Computational Methods Carlos G. S. Cardoso, Ricardo Rocha, Nina Costa, Ricardo Sousa	
	Explicit syntactic intervention in preschool-age children with Developmental Language Disorder and Autism Spectrum Disorder Mafalda Azevedo, Alexandrina Martins, Marisa Lousada		
	From community needs to action: immediate effects of a parental digital literacy workshop on healthy screen use in early childhood Maria Inês Gomes, Marisa Lousada, Daniela Figueiredo		
17:30 - 18:00	Evaluating a theatre-based intervention for older adults living in residential care facilities with and without dementia: a mixed-methods study protocol Daniela Filipa Reis Lourenço, Ana Margarida de Andrade Simões Custódio Vaz, Margarida de Melo Cerqueira		
	LGBTQIA+ affirmative residential assisted living homes for older adults in Portugal: a multiphase mixed-methods study Rita Carvalho, Sara Guerra, Liliana Sousa, João Tavares		
	Advancing Gerontogeriatric Nursing Education: Competencies, Ageism, and Career Intentions Among Newly Graduated Nurses Maria José Catalão, Helena Arco, João Tavares		
18:00 - 18:30	Immediate Effects of the Finger Kazoo Exercise With and Without Oropharyngeal Enlargement in the Operatic Singing Voice: A Randomized Crossover Clinical Trial Jean Carlos Gorges, Isabel Maria de Oliveira Alcobia, Maria da Assunção Coelho de Matos, Isabel Maria Monteiro da Costa		

18:30	Networking event (promoted by the students of each research unit)		
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SU  IT RESEARCH '26 			
Time	Thursday 16th July (morning)		
Room	Room 23.3.13	Room 23.3.6	Room 23.3.7
Thematic	[PDCEA] Thesis project defense in environmental sciences and engineering chair: Alexandra Monteiro	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)
Chair			
9:00 - 9:30	Seaweed Futures: A Life Cycle Thinking Framework for Sustainable Food Innovation António Chen, Marta Ferreira Dias, Paula Quinteiro	Identificação de incertezas de continuidade AGOSTINHO JOSE	Diferenças de Expectativas em Auditoria e Interpretação do Relatório do Auditor: Uma Abordagem Multimétodo Experimental JULIANA GORETE TAVARES VEIGA
	Quantification, reduction and valorizationof food waste in companies in theAlentejo region. Jihad Chibani		
9:30 - 10:00	Framework for Sustainable CeramicTableware Production Ramon Carvalho, Ana Dias, Paula Quinteiro		
10:00 - 10:30	Hydrogen for Ceramic Decarbonisation: A Life Cycle Sustainability Assessment Sara Alves, Marta Ferreira Dias, Paula Quinteiro	Determinantes e Benefícios da Adoção de Sistemas de Custo: Uma Análise Empírica em Grandes Empresas Industriais Portuguesas DINA ROSÁRIA GONÇALVES ABREU	Análise da Baixa Participação de Empresas no Mercado de Capitais Moçambicano: Determinantes, Barreiras e Implicações LOURENCO AUGUSTO DA CONSOLACAO JUNIOR
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Room 23.3.13	Room 23.3.6	Room 23.3.7
Thematic	[PDCEA] Thesis project defense in environmental sciences and engineering chair: Alexandra Monteiro	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)
Chair			
11:00 - 11:30	Avaliacao da qualidade do ar e identificacao de estrategias de mitigacao emambientes urbanos complexos atraves de modelacao de alta resolucao Paloma Silva Oliveira, Vera Rodrigues, Carla Maria dos Santos Gama da Silva	Carbon Accounting no Setor Público e o seu papel para a Neutralidade Carbónica: Estudo no setor ferroviário MARIA DO ROSARIO GUILHERME SANTIAGO DE SOTTOMAYOR	Gestão de Resultados nos Municípios Portugueses: Uma Análise Integrada das Dimensões Orçamental, Real e Accruals e os Seus Efeitos na Transparência e Qualidade dos Serviços Públicos" MARTA SOFIA GOMES DA COSTA
	Air Pollution in the Niger Delta, Nigeria:Sources Apportionment, Exposure Pathways,and Mitigation Strategies Daniel Owofen Ogbonnaya, Diogo Lopes, Alexandra Monteiro		
11:30 - 12:00	Occupational Exposure to Airborne Micro(nano)plastics in a Textile Industry:Chemical Characterisation, Oxidative Potential and Respiratory Dose Modelling Brisa Lourenço Braga, Celia Alves, Manuel Feliciano, Fernanda Rosário		

12:00 - 12:30	Urban proximity, micromobility, and airquality: a spatial health impact assessmentframework for Lisbon Farzaneh Aval, Margarida C. Coelho, José Carlos Mota, Hélder Relvas	Proposta de um arcabouço normativo para a peritagem contabilística em Portugal DJAVAN DE ALCANTARA LIMA	A Responsabilidade Social e o Comportamento Tributário: Evidência Empírica nas Empresas do Euro Stoxx 50 SOFIA ISABEL BAPTISTA DE FIGUEIREDO PEREIRA
12:30 - 13:00			
13:00 - 14:00 Lunch (University facilities)			

Time	Thursday 16th July (afternoon)		
Room	Room 23.3.13	Room 23.3.6	Room 23.3.7
Thematic	[PDCEA] Thesis project defense in environmental sciences and engineering chair: Alexandra Monteiro	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)
Chair			
14:00 - 14:30	Valorisation of pyrolysis bio-oil aqueous fractions for bio-herbicide development Amira Guezzi	A evolução da política de defesa comercial da União Europeia no setor do aço: direitos antidumping contra a China, competitividade industrial e análise jurisdicional (2001–2026) ANA SOFIA MOREIRA BARBOSA	Poder, Governamentalidade e Contabilidade na Sé de Braga (séculos XVIII e XIX): Uma Abordagem de Michel Foucault MARIA BERNARDETE PAIVA OLIVEIRA
	Firefly environmental education: serious games, game base learning andgamification - developing a board game José Veludo		
14:30 - 15:00	Estrategias de literacia e comunicacao para a gestao de residuos urbanos Cláudia Assunção		
15:00 - 15:30	Climate-smart Mediterranean pastures:engineering soil productivity and climateadaptation through biochar-plant synergies(SYNISOIL) Patrícia Silva	O contributo do Regime Fiscal de Apoio ao Investimento para os objetivos dos auxilios regionais: Evidência empírica da indústria transformadora DANIEL PINTO BICHO MARQUES DA COSTA	Tributação dos Agentes de Inteligência Artificial: Impactos da Substituição do Trabalho Humano na Segurança Social e na Sustentabilidade Fiscal em Portugal RUI MANUEL OLIVEIRA PEREIRA

15:30 - 16:00			
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16:00 - 16:30	Coffee-break (Complex Hall)		
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Room	Room 23.3.13	Room 23.3.6	Room 23.3.7
Thematic	[PDCEA] Thesis project defense in environmental sciences and engineering chair: Alexandra Monteiro	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)	[PDC] Thesis project defense in accounting chair: Graça Azevedo, Carlos Pinho, Patrícia Gomes (IPCA)
Chair			
16:30 - 17:00	Mapping the Circular City: A SpatialFramework for Industrial-Urban WaterSymbiosis Fernando Rivera, Maria Helena Nadais	Large Language Models no Processo de Auditoria: Evidência na Avaliação da Continuidade MARTA ALEXANDRA FONSECA CEIA	As implicações das correções fiscais no resultados contabilístico em Portugal ELISABETE FIGUEIREDO RIBEIRO LAUREANO
	Carbon Dioxide Capture and Injection in Anaerobic Digestion to Enhance Methane Production Getachew Gebrehiwet, Helena Nadais, Isabel capela		
17:00 - 17:30	Multi-objective optimization (energy,greenhouse-gas emissions, cost) of upgrade scenarios for selected Portuguese WWTPs to meet both treatment and energy-neutrality targets. Oluwasegun Omolade, Maria Helena Nadais		
17:30 - 18:00		Análise das causas-raiz na Contabilidade baseada em modelos interpretáveis: uma nova arquitetura de apoio à decisão MARIANO ELIAS CATIVA	As Entidades do Setor não Lucrativo e a utilização dos benefícios fiscais HELENA MARIA CARDIA TAVEIRA CANHA
18:00 - 18:30			

18:30	Networking event (promoted by the students of each research unit)
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SUMMIT RESEARCH'26			
Time	Friday 17th July (morning)		
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO & I3N-FSCOSD] Advanced materials: From research to innovation chair: João Labrincha, António Luis Ferreira	[IIEETA] IIEETA workshop chair: Jorge Silva	[COTFP] Research in education: social responsibility and transformative potential chair: Helena Araújo e Sá
Chair			
9:00 - 9:30	Effect of Tannin-Based Additives on the Interfacial and Mechanical Performance of Natural Fibre-Reinforced Bio-Epoxy Composites Matilde Oliveira, Vítor Neves, Mariana Banea	ChatToCaseStudy: A RAG-enhanced Platform for AI-Supported Teaching and Learning Daniela Dias, Samuel Teixeira, Pétia Georgieva	Encounters with the city: plurilingual and multimodal pathways in the landscape of Aveiro with 9th grade students Luís Dantas, Maria Helena Araújo e Sá, Danièle Moore, Ana Raquel Simões
	Stretchable wearable sensors for continuous respiratory monitoring Bernardo A. Vicente, Raquel Sebastião, Daniel Albuquerque, Alda Marques, Vítor Sencadas	Developing a Smart Gate Decision-Support System Through a Digital Twin-Based Architecture: A Practical Case in Sines Raquel Gil Pereira, Rui Borges Lopes, Leonor Teixeira	Descentralização da Educação em Portugal: entre a democracia local e as racionalidades gerencialistas transnacionais Raquel Barreto, António Neto-Mendes, Ana Grifo
	Formulation of ionogels for the delivery of mα-based biopharmaceuticals João L. Fernandes, Bojan Kopilovic, Márcia C. Neves, Augusto Q. Pedro, Mara G. Freire	Leveraging AI advancements to support cybersecurity compliance and promote cyberawareness Luís Miguel Gomes Batista, João Rafael Almeida, José Luis Oliveira	Capacitação linguística de migrantes em contexto multilingue e multicultural: caracterização dos projetos municipais no Fundão, cidade Unesco de aprendizagem. Cristina B. Domingues, Ana Isabel Andrade, Mónica Lourenço, Filipa Batista
9:30 - 10:00	Data-driven design of photodynamicstarch-based coatings for antimicrobialpaper-based sterile barrier systems Gabriela J. Campos, Ana F. R. Cerqueira, Patrícia Ramos, Nuno M. M. Moura, Idalina Gonçalves	AI - driven DevSecOps to enhance software quality and security Nuno Teixeira Gomes, João Rafael Almeida, José Luis Oliveira	Literacia para a democracia e educação política: contributos do Parlamento dos Jovens nas perspetivas de estudantes e professores Filomena Luz, Helena Araújo e Sá, Norberto Ribeiro
	Correlating atomic-scale defects with macroscopic quantum magnetism in acetate-synthesized BaV2NiO5 João P. F. Carvalho, Vanessa Graça, Manuel Graça, Duncan P. Fagg, Sílvia Soreto Teixeira	Selective Vision-Language Model Labeling for Dataset Expansion David Almeida, Eurico Pedrosa, Nuno Lau	Between children's curriculum and teacher education: early literacy and literacyin normative documents from Brazil and Portugal Marizete de Oliveira, Madalena Teixeira, Maria Sirlene Pereira Schlickmann
	Self-healing magnetic nanocomposite protective coating activated by alternating magnetic field Alesia Sushkova, Bárbara Costa, Sílvia Soreto Teixeira, Frederico Cerveira, Vítor Amaral, João Tedim	Automation of cybersecurity requirements for guided implementation andassessment João Rafael Almeida, Mariana Andrade, Luís Bastião Silva	Metodologias participativas em ciências ambientais na educação para a sustentabilidade ambiental Susana Silveira, Filomena Teixeira, Filomena Martins
10:00 - 10:30	Development of keratin-rich hydrogels for nucleic acid delivery Miguel F. Galrinho, Tiago L. Silva, Cariny Polesca, Bruno Baptista, Fani Sousa , Augusto Q. Pedro , Mara G. Freire	Orchestrating intelligent agents for agile software development Vicente Barros, João R. Almeida, José L. Oliveira	Yauheniya_Rusaiyeva_ResearchSummit2026_ Abstract Yauheniya Rusaiyeva
	Laser patterning of boron-doped diamond for thermal and liquid-phase sensing Bernardo L. Tavares, Ricardo G. Dias, Francisco G. A. Santos, Ana V. Girão, Georgina Miranda, Filipe J. Oliveira, Miguel A.C. Neto	LEARNING ACTION REPRESENTATIONS FOR ANTHROPOMORPHIC ROBOTIC HANDS Joel Baptista, Vítor Santos, Filipe Silva	A integração das TIC no currículo da formação de professores de Matemática em Angola: reflexões no âmbito de um projeto de investigação Virgílio César Armando Chivinda, Vanda Santos
		Trust evaluation models for AI-driven software development Raquel Paradinha, João Rafael Almeida, José Luís Oliveira	Potencialidades e desafios da supervisão colaborativa com foco nas estratégiasde ensino em contexto de ensino superior angolano na área de Ciências Sociais Velózia M. C. Pereira, Margarida M. Marques, Maria João Loureiro
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Amphitheatre 23.1.5	Amphitheatre 23.1.6	Amphitheatre 23.1.7
Thematic	[CICECO & I3N-FSCOSD] Advanced materials: From research to innovation chair: João Labrincha, António Luis Ferreira	[IIEETA] IIEETA workshop chair: Jorge Silva	[COTFP] Research in education: social responsibility and transformative potential chair: Helena Araújo e Sá
Chair			
11:00 - 11:30	Comparative analysis of annealing time at two temperatures in the recovery of CIGS solar cells for space applications irradiated with protons (80-180 keV) P. T. Patrício, T. V. Fernandes, A. F. Cunha, M. Peres, K. Lorenz, J. P. Teixeira, P. M. P. Salomé, J. P. Leitão	AI-augmented theater-based communicationtraining for physicians Beny Rubinstein, Sergio Matos, Aline Affonso	From Evidence to Public Action: Heritage-Based Sustainability Education through the Art Nouveau Path João Ferreira-Santos, Lúcia Pombo
	Magnetite nanoparticles: shaping the future of cancer treatment Bárbara Costa, Fernando Mendes, Sílvia Soreto Teixeira, Manuel P. F. Graça	Visual-language-action models in multiagent humanoid robotics Roberto Figueiredo, Nuno Lau, Luís Paulo Reis	Listening to decide: co-design of aneducational resource to supportpedagogical decision-making throughinterpretive listening to student voice Sandra Marina Gonçalves, Sandra Marina Gonçalves, Paula Santos, Oksana Tymoshchuk, Isabel Catarina Martins
	Human deCM-MA: a tunable and bioactive inkfor 3D bioprinting Rita S. Moreira, Sara C. Santos, Inês M. Oliveira, João F. Mano, Catarina A. Custódio	History-based Observation of Pattern Evolution (HOPE): A framework for event detection in time series Daniela Pais, Raquel Sebastião, Susana Brás	A Ingracão da IA Generativa no ensino do Português: desafios, perspetivas e implicações Mariana Martins, Madalena Teixeira , Rosa Maria Faneca
11:30 - 12:00	Toward smarter hepatotoxicity testing: A xeno-free 3D human liver model Maria C.Lobo, Ana T. Rufino, João F. Mano, Catarina A. Custódio	Movement-based metrics for assessing workload in functional training Lúcia Sousa, Daniel Canedo, Pedro Santos, António José Ribeiro Neves	Formação parental: capacitação de pais encarregados de educação para a cidadãdigital e a prevenção dobullying/cyberbullying Danielli Dartico S. Simões
	Balancing Design and Performance in Photovoltaics: a novel RGB- inspired Strategy X.L. Pinheiro, A.N.J Nascimento, A. F. Violas, E. J. Ribeiro, J. Teixeira, J. Fernandes, P.A. Fernandes, R.A.S. Ferreira2, P. M. P. Salome	A method for de novo reconstruction of viral sequences Maria J. P. Sousa, Maria F. Perdomo, Diogo Pratas	Pontes entre universidade e comunidade para a inclusão através da aprendizagem-serviço Sandra Regina Alves Siqueira, Marisa Maia Machado, Luísa Mota Ribeiro
	Recycling PET waste with PEF via Eutectic Solvent-based Catalysis: Evaluation of rPET Thermal Properties and Elucidation of the Depolymerization Mechanism Simão V. Pandeirada, Nathanael Guigo, Shanmugam Thiagarajan, Paulo J. A. Ribeiro-Claro, Andreia F. Sousa	Reparameterized neural networks for the estimation of stationary autoregressive models Anaísa Lucena, Ana Martins, Armando Pinho, Sónia Gouveia	Autoestudo e aprendizagem profissional docente no 1.o ciclo do ensino básico: um estudo em contexto português Fátima Gomes, Ana Isabel Andrade
12:00 - 12:30	Periscopes for edge-to-surface coupling of Photonic Integrated circuits Rodrigo Rendeiro, Francisco Rodrigues, Carlos Marques	Spatial patterns of environmental effects on respiratory hospital admissions at the district-level in Portugal Adriano Gomes, Ana Martins, Sónia Gouveia	Interculturalidade no ensino básico: práticas de mediação para a inclusão deimigrantes em Portugal Natalia Carolyn da Silva Dias, Ana Raquel Gomes São Marcos Simões
	Materials library for next-generationcontacts for flexible ultrathin solarcells Bárbara Seira, Xavier Pinheiro, Jennifer Teixeira, António Oliveira, André Violas, Paulo Fernandes, Maria Correia, Pedro Salomé	From Rest to Rush: Can your Heartbeat Still Identify You? Teresa M. C. Pereira, Raquel C. Conceição, Vítor Sencadas, Raquel Sebastião	Without the person at the centre, there is no impact: rethinking the transition to post-academic life Maria Manuel Carvalho, Paula Coelho Santos, Miguel Augusto Santos
	Human Platelet Lysates as Self-sustaining bioinks João Rocha Maia, Max Yavitt, Tim Woodfield, Rita Sobreiro-Almeida, João F. Mano	Deep learning in multivariate time series anomaly detection: a taxonomy and baseline comparison Bruna Alves, Armando J. Pinho, Sónia Gouveia	Can external school evaluation promote the development of inclusive practices? Evidence from a case study in Portugal Jennifer Silva, Diana Oliveira, Alexandre Ventura
12:30 - 13:00	Rheumatoid arthritis research: development of human-derived platelet lysate-placenta hydrogels for synovial fibroblast culture Mariana Dias, Ana Rufino, Catarina Custódio, João Mano		
13:00 - 14:00	Lunch (University facilities)		

	SUMMIT RESEARCH'26 		
Time	Friday 17th July (morning)		
Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematics	[PIIC] Introductory scientific research projects from all research units chair: Vera Fernandes, Luisa Sal/Ana Raquel Simões	[CIDMA] Mathematics and applications chair: Delfim Torres	[CLLC] Between text and action: research in literary studies and its impact chair: Ana Margarida Ramos
Chair			
9:00 - 9:30	Reproduction and carotenoid coloration: effects on face recognition memory Nuno Moreira, Jénnyfer Freitas, Anthony Little, Gün Semin, Josefa Pandeirada	General model-based clustering methods for time series of counts and anomaly detection Luís Sousa, Magda Monteiro, Isabel Pereira, Dimitris Karlis, Eugénio Rocha	Entre vidas, folhas e imagens: o livro-album/sufono contemporâneo por meio da ecocrítica e cosmologias indígenas SERRA, Maria Beatriz de Almeida
	The science-technology-society/environment perspective in initial Biology and Geology teacher education at the University of Aveiro: an exploratory analysis of internship reports Francisca de Bastos Ferreira, Betina Lopes, Isabel P. Martins, Rui Vieira	The role of AI assistance in learning and developing R-based tools Joana Martins, Vera Afreixo, Sérgio Matos	Dancar (n) a página: corpo, espaço e movimento no livro-album contemporâneo Sofia Sobral Ramos
	Digital citizenship in language education: a literature review on inclusive and multilingual pedagogies Beatriz Silva, Mariana Costa, Ana Raquel Simões, Ricardo Torres	Revisiting bootstrap inference for Rosenblatt's fail-safe number: truncation and epsilon-correction effects Vanusa Rocha, Vera Afreixo, Miguel Felgueiras	THE IMPOSSIBLE HOMECOMING: TRAUMA WRITING AND GEOPOLITICAL RUPTURE IN ANTONIO LOBO ANTUNES, PAI HSIEN-YUNG, AND LEE CHANG-DONG haoran ding
9:30 - 10:00	Beyond Instrumental Uses of Generative Artificial Intelligence: Towards an Epistemic-Didactic Framework for Initial Teacher Education Mariana Vicente, Margarida Marques, Juliana Monteiro	An open-source EIDORS extension for Magnetic Detection Electrical Impedance Tomography image reconstruction problems Rui Carlos Andrade Martins	Ler o desacordo: tensão verbo-visual e recepção infantil em livros-album de língua portuguesa Anna Carolyna Franco Américo Fernandes
	Conceção e implementação de uma plataforma web acessível para promoção da inclusão digital e acesso a tecnologias de apoio Francisca Rocha Lourenço, Rita Oliveira, Oksana Tymoshchuk, Anda-Elena Covaci, Valério Vaz, Leandro Oliveira	Mixed Dynamic Equations and Applications Ramzi Abdelhadi Zaitri, Delfim F. M. Torres, Sandra Pinelas	Organisational bibliotherapy: literature as a care tool aimed at preventing fatigue and burnout in the workplace Sandra Barão Nobre
	An automated platform for studying cognition and behaviour in fish Marcos Arede, Simão Dias, Dora Santos, Francisco Silva, Tiago Monteiro, Marco Vasconcelos	Psychometric validation and multivariate analysis of primary school students' attitudes toward Mathematics using the TIMSS questionnaire Ana Felizardo Henriques	From the superhero to the kid next door: representations of disability in children's literature in Portugal Ana da Cunha
10:00 - 10:30	Animacy and attention in free recall: comparing pure and mixed lists Eduardo Bento, Sara B. Félix, Josefa N. S. Pandeirada	Dimensionality reduction methods for complex structured (3-way) and mixed-data. Diana A. Vázquez Limón, Adelaide Freitas	Páginas de Sal e Mare: Da Evidência a Acao Marisa da Silva Martins
	E Galeno atravessou o Atlântico. O sincretismo das práticas e dos saberes médicos luso-brasileiros (1500-1650) Marion Pellerier		
	Experimental approaches to sexual decision-making in sexuality research: A scoping review Simone Malafaia		
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Room 23.3.4	Room 23.3.5	Room 23.3.9
Thematics	[PIIC] Introductory scientific research projects from all research units chair: Vera Fernandes, Luisa Sal/Ana Raquel Simões	[PDBQ] Biochemistry: where science meets the future chair: Rosário Domingues, Rita Ferreira, Lola Duarte	[CLLC] Language, discourse and social impact chair: Katrin Herget, João Paulo Silvestre
Chair			
11:00 - 11:30	Lipid profiling and plasticity in the marine fungus Fusarium limianum as a response to abiotic factors Tiago Ribeiro, Simão Maia, Alberto Abreu, Mariana Pinho, Maria Adelaide Salvador, Artur Alves, Maria do Rosário Domingues, Felisa Rey, Ana Cristina Esteves	Decoding Atherosclerosis Through (Epi)Lipidomics: Lipids Beyond the Tradition Matilde Santos, Kristina Dimitrova, Michal Mokry, Tânia Melo, Pedro Domingues, Rosário Domingues	A Corpus-Based Comparative Study of Portuguese and Chinese Health Popularisation Discourse Huanqi Sun, João Paulo Silvestre, Katrin Herget
	Exigências e recursos do trabalho como preditores de burnout e bem-estar: Evidência do setor da administração fiscal Mafalda Abranches, Maria João Martins, Carolina Santos, Paula Vagos	Maternal Biomarker Specimen Collection: Enabling Environments for Non-communicable Disease Risk Reduction in Ethiopia (ENABLE) project - the ENABLE exposome of urban Ethiopian women Feyissa Challa, Cristiana Fernandes, Tânia Melo, Masresha Tessema, Eleni Papadopoulou, M. Rosário Domingues	Variacao de registo e traducao para portugues: estudo de corpus multilingue Pedro Augusto Ferreira, Teresa Alegre, Lapshinova-Koltunski, Ekaterina
	[WJCR] William James Center for Research: Ongoing projects from emerging researchers chair: Josefa Pandeirada, Sara Cruz, Nuno Teixeira, 9 presentations	Associations between dietary patterns and plasma fatty acid profiles in Ethiopia using a GC-MS approach Cristiana Fernandes, Feyissa Challa, Masresha Tessema, Eleni Papadopoulou, Tânia Melo, M. Rosário Domingues	Padroes lexicais e prosodia semantica em generos de divulgacao cientifica em saude: analise de um corpus portugues-chines Ruomu Li, João Paulo Silvestre
11:30 - 12:00	Many cues, one tag: The contamination effect in recognition, recall and the role of multimodal contamination cues Sónia M. P. Santos	Multifunctional Encapsulation of Cannabis Oil Using Polysaccharides to Potentiate Its Efficacy Against Colorectal Cancer Filipa C. Ferreira, Cláudia Nunes, Elisabete Coelho, Manuel A. Coimbra	Hate speech: representations of the Chinese community in the Portuguese media context Minxuan Zhang, Paula Carvalho
	Protocol for a pilot randomized controlled trial evaluating the CanCOG(R) Cognitive Rehabilitation in Cancer program in Portuguese cancer survivors Sofia A. Marques-Fernandes, Ana F. Oliveira, Kathleen Van Dyk, Linda M. Ercoli, Ana Torres, Isabel M. Santos	Fruit pulp fiber modulation for gut psychobiotic promotion Sara Gonçalves, Manuel A. Coimbra, Clarisse Nobre, Elisabete Coelho	Acquisition of Mandarin Intonation by European Portuguese Speakers Jiayi Guo
	When testing falls short: psychometric evaluation of a cognitive failures measure and contributions to neuropsychology and sleep medicine Sofia Fortoura Dias, Isabel M. Santos, Sandra Carvalho, Daniel Ruivo Marques	Valorization of agar extraction byproducts: a carbohydrate characterization approach Beatriz Metzner, João Dias, André Aguiar, Mariam Kholany, Manuel António Coimbra, Cláudia Nunes	
12:00 - 12:30	Carotenoid coloration and its role in attractiveness and mate selection Jénnyfer Freitas, Anthony Little, Gün Semin, Josefa N. S. Pandeirada	Mechanical pre-treatments for the extraction of arabinoxylans from brewers' spent grains Catarina S. Rebelo, Elisabete Coelho, Manuel A. Coimbra	
	Characterization of the impact of the COVID-19 pandemic on neuropsychological correlates and mental health in healthy older adults Ana Silva, Isabel M. Santos, Sara M. Fernandes	Solid residue from agar extraction as a source of bioactive polysaccharides Kayane S. Oliveira, André Aguiar, João Dias, Helena Laronha, Felipe C. Gomes, Andreia S. Ferreira, Manuel A. Coimbra, Cláudia Nunes	
	Promoting Executive Functions in Preschool and Primary School Children: A Systematic Literature Review Patricia Calixto, Ana Silva, Sara Cruz	Lipids from green seaweeds are promising ingredients for cosmetics applications Joana Batista, Sónia A. Pinho, Maria Teresa Cruz, Inês Oliveira, Margarida Martins, Hugo Pereira, Maria do Rosário Domingues, Tânia Melo	[CLLC] 404 Future not Found: evidence, powers and algorithms chair: Maria Manuel Baptista, 2 presentations
12:30 - 13:00		Study of carrageenan structures suitable for meat alternative protein foods Bernardo A. C. Ferreira, Marta Rendeiro, Ricardo Silva, Kayane Oliveira, Pedro A. R. Fernandes, José Lopes da Silva, Maria A. Azevedo, Cláudia Nunes, Manuel A. Coimbra	A Lentidão como única via possível: Proposta para responder aos desafios da Transformação Digital Rita Himmel
			Financiar a narrativa: o Kickstarter como potenciador e restrição de alternativas Miguel Vidal
13:00 - 14:00	Lunch (University facilities)		

SU RESEARCH '26				
Time	Friday 17th July (morning)			
Room	Room 23.3.10	Room 23.3.11	Room 23.3.14	
Thematics	[CERIS] Risk assessment, sustainability and rehabilitation of the built environment chair: Romeu Vicente, Paulo Vila Real, Hugo Rodrigues	[GOVCOPP] Tourism and development chair: Elisabeth Kastenholz, Celeste Eusébio	[PDPP] Thesis project defense in public policies chair: Filipe Teles, Teresa Carvalho	
Chair				
9:00 - 9:30	Design for Disassembly in Prefabricated Construction: A Systematic Review of Demountable Connection Systems Peyman Sabbahfar, António Figueiredo, Hugo Vitorino, Hugo Rodrigues, Romeu Vicente, Victor Ferreira	Senior Lifestyle Mobilities - An Opportunity for Rural Destinations João Pedro Reis, Elizabeth Kastenholz	A Segurança Marítima Em Angola: Estudo Sobre a Eficácia das Políticas de Segurança da Autoridade Marítima Nacional Face a Segurança Nacional em Angola Joaquim Bastos Lopes, João Lourenço Marques	
	Physics-informed agentic AI for safe and optimal design of steel frames Ruben Santo, Carlos Couto, Petia Georgieva	O turista como personagem principal: a influência da cocriação nas experiências turísticas e no comportamento do turista em context rural Filomena Loureiro, Filipa Brandão, Elisabete Figueiredo		
	Performance comparison and life cycleassessment of shallow geothermal energysystems for a university building Rajendra babu Roka, António Figueiredo, Ana Vieira , Claudino Cardoso	The role of aesthetics in shaping touristemotional and cognitive engagement andintentions - A neuromarketing approach torural tourism Ana C. Amaro, Elisabeth Kastenholz, Isabel M. Santos		
9:30 - 10:00	Behaviour of cold-formed compressed C-profiles with and without web slots: numerical analysis Rita Bola, Nuno Lopes, Carlos Couto, Paulo Vila Real	Creative Tourism as an Evolving Framework: Evidence from Empirical Research Larissa F. Lima-Almeida, Rui Augusto da Costa, Adriana Fumi Chim-Miki	Advancing health equity through spatial policy and impact assessment: a comparative study of Portugal and the Netherlands Maria Francisca Mineiro, Gonçalo Santinha, Marija Bočkarjova	
	Using deep learning for the characterization of the built environment fornatural hazards risk assessment Daniel Gomez, Catalina Yepes-Estrada, Vitor Silva	Collaborative networks in tourismdestinations:Insights from accommodation providers andimplications for touristexperience and future behaviour Diogo Moleiro, Zélia Breda, Maria João Carneiro		
	Cognitive and Physiological Impacts of Indoor Environmental Quality in Learningand Workspaces: A systematic review Thais Aline Soares, António Figueiredo, Romeu Vicente, Victor Ferreira, Miguel Pais-Vieira	Anticipation as lived experience in tourism: towards the anticipated tourist experience (ATE) Sonia Navarro, Nina Katarzyna Szczygiel, Maria Celeste de Aguiar Eusébio		
10:00 - 10:30	Dynamic wall panel with an innovativePCM-Based Heat Exchange System Marcelo Langner, António Figueiredo, Romeu Vicente, Ricardo Almeida	Integrating corporate sustainability and territorial analysis for monitoring economic sustainability in coastal tourism destinations Isabel Loureiro, Celeste Eusébio, Zélia Breda, Vânia Costa	Medicao e analise dos riscos de integridade - o caso portugues Carla Sofia dos Santos Rocha	
	Beyond Offsite Construction: Enabling Business Model Innovation through an Elementized Construction System JOACHIM ZWICKY , Sandra Filipe , Fernanda Rodrigues			
	Numerical modeling of storm events on sandy shores: morphological changes and dune recovery Frederico Romão, Márcia Lima, Susana Costas, Carlos Coelho			
10:30 - 11:00	Coffee-break (Complex Hall)			
Room	Room 23.3.10	Room 23.3.11	Room 23.3.14	
Thematics	[CERIS] Risk assessment, sustainability and rehabilitation of the built environment chair: Romeu Vicente, Paulo Vila Real, Hugo Rodrigues	[ID+] From design research to impact and change chair: Teresa Franqueira, Daniel Vieira [ID+] Policy for creative and artistic practices chair: Paulo Bernardino, Graça Magalhães [ID+] Research and project in design chair: Rui Costa, Cláudia Albino	[PDPP] Thesis project defense in public policies chair: Filipe Teles, Teresa Carvalho	
Chair				
11:00 - 11:30	Real-Time hygrothermal characterization and monitoring of built heritage David Pereira , Ricardo Almeida , Romeu Vicente	From Execution to Orchestration: AI-DrivenRole Redistribution in NewProduct Development Teams Gabriela Garcia, Sergio Tavares, Sílvia Soares, John Zimmerman	Para alem da maldicao e da bencao: uma analise da governanca publica do setor petrolifero angolano sob as lentes da justica ambiental João Tobias Cunha, Sara Moreno Pires	
	Dynamic PCM-Integrated Shading Systems for Energy-Efficient Buildings: Design,Testing, and Performance Evaluation Margarida Gonçalves, António Figueiredo, Ricardo M.S.F. Almeida, Romeu Vicente	Enacting Critical Media Literacy through Interaction Design and Participatory Sense-Making Fernando Sousa, Fátima Pombo		
	Valorisation of rubber-based wastes for geotechnical engineering: a systematic literature review Luíza Margalho, David Miranda Carlos, Victor Neto, Margarida Pinho-Lopes	The musician as artistic director: devising from within a non-theatrical practice Polychronis Karamatidis		
11:30 - 12:00	Development of an external thermal insulation system for buildings withadjustable fixing and AI-based geometric acquisition Fardous Ajeeb, Filipe Rebelo, António Figueiredo, Romeu Vicente, Victor Ferreira	A arte insurgente no contexto de saturacao algorítmica: da atencao a acao. Paula Lima, Sérgio Eliseu, Carlos Azambuja Rodrigues	Efeito da acessibilidade a servicos de interesse geral na distribuicao dapopulacao nos municipios de Portugal continental (1990-2024) Rita Amaral Santos	
	On the Design of Tapered Steel Members withthe 2nd Generation of Eurocode 3 Carlos Correia, Carlos Couto, Paulo Vila Real, Nuno Lopes	Rural Interstices: Ethno-poiesis and the audiovisual essay as a 'third place' Luís Gomes da Costa		
		Relicarios de Memoria: a materializacao da entropia em interfaces digitais Nuno Sousa, Sérgio Eliseu, Sílvia Pinto		
12:00 - 12:30		Working With the Existing: Micro-Architectural Design in Industrial HeritageInteriors Gaelle Pillault, Fatima Pombo, Tenna Doktor Olsen Tvedebrink		
		UX design meets Generative AI: fromemployer expectations to future designerprofiles Violeta Clemente, Filipe Honorato, Ricardo Sosa		
		[ID+] Designing change through evidence chair: Helena Barbosa, João Sampaio		
12:30 - 13:00		Talking about Cooperativa Alvore's posters:from interviews to relational content analysis Mariana Almeida, Helena Barbosa		
		Visual identity systems and non-specialist adoption: a curricular response through studio pedagogy modelled on collective actor settings João Monge Coutinho, Gonçalo Gomes		
		Manuel Reis e a Loja da Atalaia: Avalorizacao do Design de Produto Portuguesnas Decadas de 80 e 90 Guilherm Braga da cruz, Maria Helena Ferreira Braga Barbosa		
13:00 - 14:00	Lunch (University facilities)			

	SUMMIT RESEARCH'26 		
Time	Friday 17th July (morning)		
Room	Room 23.3.13	Room 23.3.15	
Thematic	[PDEGI] Thesis project defense in engineering and industrial management chair: José Vasconcelos Ferreira	[IT] Communication networks chair: Joaquim Ferreira	
Chair			
9:00 - 9:30	Lean project management in the age of artificial intelligence: empowering organizations in the era of industry 4.0 and 5.0 Teresa Silva, Leonor Teixeira, Juliana Salvadorinho	Dynamic Network Federation and Edge Slicing Miguel Matos	
		Orchestration of Connected and Autonomous Vehicles in Mixed Traffic Scenarios Mauro Filho, Pedro Rito, Miguel Luís, Susana Sargento	
		Human and network architectures and communication frameworks for VRU safety in smart environments André Clérigo, Pedro Rito, Susana Sargento	
9:30 - 10:00	THE IMPACT OF LEAN 4.0 ON ESG AND FINANCIAL PERFORMANCE: A CASE STUDY OF ENERGY COMPANIES Gladys Taka, João Matias	Towards transferable misbehavior detection for V2X messages in cooperative ITS Dorra Jerbi, Paulo C. Bartolomeu, Joaquim Ferreira	
		Digital twins for roadside infrastructure-enabled cooperative automated driving Bruno Ribeiro, Joaquim Ferreira, Paulo Bartolomeu	
		A Digital Twin-Enabled Framework for Task Offloading in Healthcare Edge Systems Ayesha Jadoon, Daniel Corujo, Shahid Mumtaz, Rui Luis Andrade Aguiar	
10:00 - 10:30	Evaluating Media Labs: Towards a Context-Sensitive Framework for Interdisciplinary and Transdisciplinary Research Ana Raquel Azevedo, Maria João Rosa, Fátima Gonçalves	Resilience of future cellular networks: metrics and evaluation framework Md Lutful Kabir, Ana Aguiar	
		Evaluating Temporal Deep Learning Architectures for Anomaly Detection in 5G Network Slicing Nooruddin Noonari, Daniel Corujo, Mário Antunes, Francisco J. Ferrão	
10:30 - 11:00	Coffee-break (Complex Hall)		
Room	Room 23.3.13	Room 23.3.15	
Thematic	[PDEGI] Thesis project defense in engineering and industrial management chair: José Vasconcelos Ferreira		
Chair			
11:00 - 11:30	Operational and Supply Chain Decision-Making in the Natural Stone Industry: From Data to Intelligent Systems João Gonçalves, Bruno Gonçalves		
11:30 - 12:00	Inventory optimization under uncertainty in bio-based supply chains: A decision support system for the cork industry Fernando Silva, Ana Luisa Ramos, José Vasconcelos Ferreira		
12:00 - 12:30	Explainable Demand-Based Material Requirements Planning for perishable items under capacity constraints Pedro Costa, Ana Moura, Helder Zagalo		
12:30 - 13:00			
13:00 - 14:00	Lunch (University facilities)		

JULY 15 — 17

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