Programme

DAY 1 – July 3rd, 2019 *Auditório Renato Araújo*

09:00 **Opening Session: Rector and Vice-Rector for Research, Innovation and 3rd Cycle**

09:30 **Plenary 1 - The Long Road to Autonomy**
Ashley Nunes, MIT/ Harvard Law School

10:10 Energy and sustainability challenges of captivating and transformative mobility paradigms
Margarida Coelho, TEMA

10:25 Devices, from light absorption to light emission
João Veloso, I3N

10:40 **Coffee Break**

10:55 Sustainable exploitation of Li mineral resources on Montalegre: from ceramics to batteries
António Silva, GEOBIOTEC

11:10 Energy and the challenges of blue and green economy
Myriam Lopes, CESAM

11:25 Research on Education for Sustainable Development: From the Development of Educational Resources to Teacher Education
Rui M. Vieira e Patrícia Sá, CIDTFF

11:40 Smart Green Homes: A collaborative learning approach for fascinating and sustainable home comfort
Sérgio Salústio, Bosch Termotecnologia

11:55 **Round Table**

12:30 **Lunch**

14:00 **Plenary 2 - Energy Transition and Sustainability: Game Changers,Technology, Innovation and Future Challenges**
António Costa e Silva, Partex

14:40 Energy@CICECO: Gaps between academic research and foreseeable energy scenarios
Jorge Frade, CICECO

14:55 Sustainability in Future Broadband Wireless Communications
José Carlos Pedro, IT

15:10 RISCO contribution to sustainable cities
Paulo Cachim , RISCO

15:25 Energy, Society, and Sustainability Transitions
Anabela Botelho, GOVCOPP

15:40 Sustainability in Higher Education: A review of contributions from Portuguese speaking countries
Teresa Carvalho e Maria João Rosa, CIPES

15:55 **Coffee Break**

16:15 Driving innovation, enabling quality of life: research on eHealth and wellbeing at DigiMedia
Ana Margarida Pisco Almeida, DIGIMEDIA

16:30 Music and Sustainability: Musical processes as part of an ecosystem
Maria do Rosário Pestana, Inet-Md

16:45 Automation in Ecotoxicology Testing
Rui Escadas Martins, IEETA

17:00 Phthalocyanine-graphene nanomaterials for solar cells
Leandro Lourenço, QOPNA

17:15 Education for Sustainability: Creating Competencies in higher education through Circular Economy
Ana Afonso, ID+

17:30 **Pulp and paper mills: forest-based emerging biorefineries**
Carlos Neto, The NAVIGATOR Company

17:50 **Round Table**

18:30 **First day closure**
Vice-Rector for Research, Innovation and 3rd Cycle

		Auditório Renato Araújo
hora	PD	Pitches
09:00		Abertura
09:05	PDCP	Implementing local management policies for World Heritage Historic Urban Landscapes: The importance of governance systems
09:10		Chinese Democratization at local level – The case of Hezhai
09:15		Mapping Politicization in the European Parliament: a longitudinal analysis
09:20		Libyan tribes in the shadow of peace and conflict
09:25		European radical left parties: programmatic change since the fall of the berlin wall (1989-2019)
09:30		
09:35	PDPP	The spatial organization of educational facilities
09:40		Decision aiding for public policy formulation
09:45		Social Justice in accessibility to services of general interest
09:50		Chinese soft power and public diplomacy: the football case
09:55		Roadmaps for strengthening the institutionalization of 'Nature-based Solutions" in Spatial Planning
10:00		Cross-Border Higher Education: in the perspective of quality assurance public policies
10:05		
10:10	PDCEE	Essays on the Active Ageing Index and their determinants: an economic, social and environmental approach in the EU-28 and Portugal
10:15		
10:20	PDEGI	Developing and validating a scale for measuring consumer perceived service quality in customer-intensive service processes
10:25		Innovation and supply chain management Strategies, capabilities and the effect of fit on business performance
10:30		Methodologies to support the geographical distribution of human health resources
10:35		Characterizing an Innovation Reef (I-Reef) an Holistic Model Towards Exploring its Attributes
10:40		Sustainable development of marine renewable energies supply chain management in Portugal
10:45		An holistic model of decision support in energy efficiency in buildings
10:50		Contribution for the development of a reference model for the management of physical assets in industries
10:55		Success Factors for sustainability improvement strategies in lime production
11:00		COFFEE BREAK
11:15		VITAE
12:15	PDC	The influence of inventory management on the quality of accounting information in commercial sector companies
12:20		Estudo bibliométrico em contabilidade e accountability no setor público: período de 2002-2017
12:25		Corporate Financing Cost's Determinants
12:30		Determinants of effective tax rate
12:35		Taxation costs in digital age: empirical evidence in Portugal
12:40	PDT	Critical success factors for the development of cultural routes in tourism
12:48		
12:51		User-generated content as an input for the decision-making process in tourism public organizations
12:59		
12:59		Determinantes da escolha de transportes públicos ou individuais por turistas em viagem a Lisboa, Portugal
13:07		
13:07		Rede interorganizacional e ecoeficiência no ecoturismo: Um estudo de caso Rota das Emoções
13:15		LUNCH BREAK
14:15	PDT	O potencial do turismo gastronómico no desenvolvimento territorial
14:23		
14:23		Economia circular e novos modelos de negócio no turismo
14:31		
14:31		Military tourism as a niche tourism market in the Brazilian context
14:39		
14:39		A importância da formação dos profissionais de turismo no desenvolvimento do turismo acessível
14:47		
14:47		Tourism management model: An approach based on online indicators
14:55		
14:55		Turismo e experiências culturais: do cacau ao chocolate
15:03		Smart tourism destination: Designing an open living lab model
15:11		Interculturalidade e multiculturalidade na prestação de serviços: O caso das relações interpessoais nos cruzeiros marítimos
15:19		Hospitalidade nos serviços: Proposta de um modelo para destinos turísticos
15:27		
15:30		Tourism and maritime, coastal cultural heritage: A new approach and opportunity
15:35		Capitalising on the full potential of the tourism and hospitality workforce: Managing talent retention, careers and quality of life at work
15:40		Designing visitor experience through a creative project: Object elicitation with Portuguese azulejos
15:45		The role of the creative economy in territorial dynamics: The case of micro, small and medium firms in gastronomy and wine-related businesses in North of Portugal
15:50		A relevância da hospitalidade na procura turística internacional: Um olhar sobre o Brasil
15:55		A mensuração da inovação em empresas do sector de turismo
16:00		Capacity development for destination communities
16:05		Tourism guidebooks: Perspectives about Portugal between the 19th and 20th centuries
16:10		Synergy between future thinking and experience designing
16:15		COFFEE BREAK
16:30	PDEM	Adsorption heat pumps for space and water heating
16:35		Low GWP Heat Pump Water Heaters
16:40		Inteligente & Sustainable Machining Methods for Titanium Alloys
16:45		Components manufacturing for medical application – case studies
16:50		Modelling, simulation and control of tankless gas water heaters: a hardware-in-the-loop approach

hora	PD	Pitches
		Acts Room
	PD	Pitches
09:00		**Abertura**
09:05		pErCEPT- Quantification of ConcEntration and time resolved Effects: towards an Adverse Outcome PaThway.
09:10		Molecular and biochemical responses of freshwater species to the single and mixed effects of microplastics and adsorbed contaminants
09:15		Marine Fungi: Diversity And Biotechnological Potential
09:20		Comparison of bacterial communities in sponge, sediment and water biotopes in the Indo-Pacific region
09:25		Effects of sewage outfalls on marine protected species
09:30		Trace geographic origin of clams (Ruditapes decusatus and Ruditapes philippinarum) using elemental fingerprinting tools
09:35		Wastewater-borne nanoparticles in aquatic ecosystems: from individuals to community responses
09:40		Ecotoxicological Effects of Emerging Contaminants in Lentic and Lotic Environments
09:45		Wild mammals in Portugal: their enteric flora as a source of pathogenic bacteria and antibacterial resistance
09:50		Developing epigenetic biomarkers of metal exposure in Daphnia
09:55		Application of the biorefinery concept in cyanobacterial blooms valuation
10:00	PDB	Effects of drought and contamination on freshwater macroinvertebrates
10:05		WILDRECO – Immediate and short-term effects of wildfires on population dynamics of sentinel faunal communities on post-fire recovery of pine and eucalypt ecosystems
10:10		Photodynamic inactivation for blood disinfection by immobilized photossensitizers
10:15		Photodynamic inactivation of microorganisms and phototransformation of micropollutants in wastewater: an effective approach with low environmental impact
10:20		Assessing the ecology and function of plasmid assemblages in microbial symbionts of giant barrel sponge Xestospongia testudinaria
10:25		iNNER: Mechanistic approach to assess effects of NaNomaterials in the EnviRonment
10:30		The role of emerging contaminants and environmental factors on fish personality
10:35		NANOPTION Determining the Suitability of Nanopesticides for Sustainable Agriculture
10:40		Monumental Trees of Portugal: from public understanding to scientific literacy
10:45		longINg_nano: long term and multIgeNerational effects of nanomaterials in terrestrial invertebrates
10:50		The genus Diaporthe on blueberry plants in Portugal: from species diversity to pathogenicity
10:55		Estuaries as carbon sinks: photosynthetic activity, photoinhibitory stress and resilience mechanisms in pelagic-benthic primary productivity
11:00		**COFFEE BREAK**
11:15		**VITAE**
12:15		Development and Assessment of Ecological Indicators for the Management of an Endangered Migratory Fish Species (Anguilla anguilla)
12:20	PDB	Mechanistic and functional studies on a novel Symbiodinium–driven calcification process under current and future climatic conditions
12:25		Aquaculture's microbiomes in fish health
12:30		Nanomaterial fate and speciation in the terrestrial environment
12:35		Detecting flood extents with satellite imagery
12:40	PDCEA	Assessing air quality in cities under climate change scenarios: a source apportionment approach
12:45		Direct and indirect impacts of nature based solutions for climate change adaptation: urban heat island, air quality and urban sprawl
12:50		Multiscale urban air pollution modelling: towards healthier cities
12:55		Integration of halophytes production to promote coastal aquaculture eco-intensification
13:00	PDCTGM	The use of endogenous insects to promote a more sustainable shrimp aquaculture
13:05		Shallow gas accumulations in the north port terminal in the ria de aveiro barrier-lagoon system
13:10		Impact of the invasive macroalgae Asparagopsis armata on coastal environments
13:15		**LUNCH BREAK**
14:15		Climate Change Impact on West Iberian Coast Port Defenses and Maritime Traffic
14:20		Morphodynamics of coastal environments in mixed sediment beds
14:25		Numerical study of sediment-transport processes in NW Iberian Continental Shelf
14:30		Impact of storm waves on coastal beach – dune geomorphology at Aveiro – Cabo Mondego stretch (NW Portugal)
14:35		Marine Protected Areas monitoring indicators and their cost-effectiveness
14:40	PDCTGM	Spatial patterns for the European Atlantic basin
14:45		Optimal Conditions for Aquaculture Exploitation in Ria de Aveiro: a Numerical Modelling Approach
14:50		Global-scale patterns of biodiversity and biomass of the neustonic zooplankton
14:55		Modeling the physical processes that underlie Harmful Algal Blooms in North-Western Iberian shelf and Rias Baixas
15:00		Interactions between pollutants and microplastics in the marine environment and their accumulation on biota
15:05		Incorporation of n-3 fatty acids on insect meal for a more sustainable marine aquaculture shrimp feed
15:10		Microplastics: methodologies, sampling and ecotoxicity
15:15		Hazard assessment of nano agrochemicals in soils
15:20		Project MDR - Map, Detect and Research Botriosphaeriaceae species in Portugal
15:25		Toxicokinetics of nanoparticles across aquatic food chains
15:30		Ecological effects of microplastics in freshwaters
15:35		Influence of temperature on plant growth promotion induced by rhizobacteria
15:40	PDBEAG	Assessment of Cu(OH)2 nanopesticide applications on soil microbiota - an agroecosystem perspective
15:45		Anticancer drugs in the environment
15:50		Pharmaceutical drugs under present and future climatic scenarios: what are the toxicological consequences to marine invertebrate species?
15:55		The effects of long-term exposure to oxytetracycline in zebrafish
16:00		Corals as therapeutic alternatives for fish farms in a climate changing world
16:05		Enterobacteriaceae as mediators for carbapenem resistance transfer between environmental and human settings
16:10		Ecotoxicological assessment of PAHs using the freshwater planarian Dugesia tigrina
16:15		**COFFEE BREAK**
16:30		Magnetic-responsive platforms to control cell behavior for tissue engineering applications
16:35	PDBiot	Novel Spherical dECM-Based in vitro 3D Tumor Models
16:40		Valorisation of Opuntia ficus-indica L. through an integrated production of high value products
16:45		Development of functional food targeting cardiometabolic risk
16:50		Angel Investor Goals and Values
16:55		Open Innovation: Characterization the innovative profile of SMEs and the relationships with their innovation partners. An intersectoral perspective
17:00		Essays on divestment
17:05	PDME	Unlocking the Way Firms are Applying Gamification throughout the Innovation Life Cycle
17:10		The leaders' Spiritual Intelligence influence in the health institution
17:15		The role of market orientation on the performance of social enterprises
17:20		Identification of Determinants Leveraging Workplace Innovation

hora	PD	Senate Room
		Pitches
09:00		Abertura
09:05	PDSEAC	High-value biohythane production from anaerobic digestion of municipal food waste: effect of biomass ash supplementation
09:10		A framework to evaluate and optimize Circular Economies
09:15		Artificial neural network modelling of solar thermal hybrid façade
09:20		Polymeric air-to-air heat recovery system
09:25	PDBM	Aging: a spect(r)acular approach
09:30		Effects of the SET7/9 methyltransferase inhibitor (R)-PFI-2 on mammary epithelial cells
09:35		The role of protein mistranslation in fungal pathogenesis
09:40		Breast and prostate cancer endocrine resistance is associated to a dysregulation of protein quality control
09:45		Unravelling the roles of proteotoxic stress on genome diversification and disease
09:50		BIN1 molecular studies in a primary care-based Cohort
09:55		Gene expression variation across the lifespan in mice
10:00		Analysis of protein aggregation in plasma of patient with heart failure with preserved ejection fraction
10:05		Pursuing complete myocardial reverse remodeling after aortic valve replacement: will phosphoproteomics lend a hand?
10:10		Recoding the Saccharomyces cerevisiae genome through codon ambiguity
10:15		The role of Metal Induced Protein phosphorylation in neuropathology related protein aggregation
10:20		The role of NAD in neuronal differentiation
10:25		
10:30		
10:35	PDP	Olfaction as a social facilitator in autism spectrum
10:40		Reproductive concerns in young adult female cancer survivors
10:45		Primary progressive aphasia (PPA): Advances in treatment
10:50		
10:55	PDGG	Vocal Aging: Acoustic and articulatory study of speech changes with age
11:00		COFFEE BREAK
11:15		VITAE
12:15		Quality Assurance in Distance Education: a Proposal for Public Policy In Mozambique
12:20		The potential of using the Chinese social media in learning Portuguese
12:25		Peer learning and its impact on peer teacher students' academic performance – proposal of a procedure model
12:30		DEEP, promotion of literacy in depression: impact of a digital intervention
12:35	PDMEdu	Skills development through project-based learning in professional courses
12:40		Teacher nonverbal language influence on first impressions
12:45		Distance education in Mozambique: reality and potential
12:50		Factors Determining the non-Prosecution of Higher Studies in Mozambique: their Mitigation through Distance Education in Digital Media
12:55		Digital media supporting informed decision-making regarding childbirth preferences
13:00		
13:05		
13:10		
13:15		LUNCH BREAK
14:15	PDD	Maps "taylor made" to the body of places: Design Strategies Against the Indifference of Representation
14:20		The panorama of allergen representation on food labels
14:25		Firefighters Personal Protective Equipment. Performance/Comfort dichotomy: an answer through Design
14:30		Drawing of food flying in container based on vegetables and fruit
14:35		Can aesthetics instigate the reintegration of waste into new products promoting a circular economy
14:40		Design for the territory: a collaborative model of place branding
14:45	PDICPD	Seniors and itv services: identification of interaction typologies
14:50		The multimedia technology in the creation of collaborative practices in community: the case of a group of residentes of the Alexandre Herculano Neighbourhood
14:55		A influência dos líderes de opinião nas redes sociais: um estudo sobre a mudança do comportamento alimentar no Instagram
15:00		Location based-games and active ageing: the Pokémon go study in seniors´ life
15:05		Sharing knowledge through digital platforms to socio-territorial well-being: the forest fires' case
15:10		Infocommunication and Digital Platforms in the Sharing Economy: A Multicases Study about the Trust in Sustainable Contexts
15:15		The conception of the elderly's image in children. Infocommunicational analysis in animated films
15:20		Senior literacy: learning strategies when playing digital games
15:25	PDE	School, identity and resistance in Timor. The case of Externato de São José during the indonesian ocupation
15:30		Administração Local da Educação em Angola: A intervenção dos municípios em contexto centralizado de administração educativa
15:35		Formação de Professores de Língua Portuguesa Para o Acolhimento de Refugiados
15:40		Science teachers' in-service education to enhance students' Critical and Creative Thinking
15:45		Recursos didáticos sobre mecânica de apoio a práticas docentes no 1.º ciclo do ensino básico
15:50		Plurilingualism: a project with Museums, Families and a School
15:55		Active Teaching Status in the Promotion of Critical Thinking: Teaching Learning in online Contexts
16:00		piBook: a social and digital inclusion resource for hospitalized children with cancer
16:05		Teachers' pedagogical practices in integrated contexts of education: the case of school visits to science museums
16:10		A Disciplina de História no Ensino Primário em Angola – do currículo instituído ao implementado a propostas de melhoria da qualidade
16:15		COFFEE BREAK
16:30	PDE	Inclusion of children with special needs in Arts education programs: from research to action
16:35		Personal and socio-professional development of young adults with intellectual and developmental disabilities in Higher Education
16:40		Potenciar a transição e a inclusão para o ensino superior: a experiência de estudantes com nee e seus familiares
16:45		The Evaluation of Portuguese Language Learning - For an International Cooperation for Development in Teacher Education
16:50		Avaliação como aprendizagem e docência no ensino superior: proposta de um modelo para formação de professores em regime de blended learning
16:55		The supervision process in nursing clinical teaching: organization of the supervisor work
17:00		Assessment of competencies of occupational therapy undergraduate students in clinical practice context: challenges to change
17:05		The best way to learn languages is…to use them
17:10		Avaliação das instituições de ensino superior do nordeste brasileiro: um instrumento indutor de desenvolvimento organizacional?
17:15		Motivações e expetativas de alunos no ensino técnico profissional: um estudo numa escola no Lubango-Angola
17:20		The academic and professional qualification of angolan higher education teachers in the institutional development plans (idp)

hora	PD	Pitches
		Auditório Renato Araújo
hora	**PD**	Pitches
09:15		Abertura
09:20		Physical Layer Security for Wireless Networks with Help of Jamming
09:25		Fast and secure multiparty computation enabled by quantum communications technologies
09:30		Inter-Symbol-Interference in Continuous Variables Quantum Communications
09:35		Visible Light Communication based Indoor Localisation
09:40		VLC heterogeneous networks for future wireless systems
09:45		Packaging of Photonic Integrated Circuits
09:50		Thermal management of high power electronic devices using diamond
09:55		Simplified Coherent Transceiver for Optical Communication Networks
10:00		Coherent Communications for Access Networks
10:05	**PDEE**	Disaster-resilient network design and resource management of elastic optical networks
10:10		Over-The-Air Characterization of 5G MIMO Systems
10:15		Transmitter and Receiver Designs for mmW mMIMO based Wireless Systems
10:20		Performance Enhancement of 5G MIMO Transmitters
10:25		Multi-technology RRH based on ADTs
10:30		All Digital Power Amplifiers
10:35		RFID Technology Chipless
10:40		Patient Diagnosis Prediction in Multimodal Medical Information
10:45		Medical concept normalization
10:50		Bio-radar: Non-contact system for vital signals acquisition
10:55		
11:00		COFFEE BREAK
11:15		
11:20		Optimized Photonic Integrated solutions for Next Generation Optical Systems
11:25		Visible Light Communication Systems Architectures for the Internet of Things
11:30		Compensation of Long-Term Memory Effects in GaN HEMTs
11:35		Named Network of Things
11:40		Waveforms and algorithms design for use in dual communication/radar systems
11:45	**MAP-Tele**	Flexible Fronthaul for 5G Mobile
11:50		Low-Complexity DSP Techniques for Coherent Optical Transmission Systems
11:55		THz Massive MIMO for C-I2X in B5G Networks
12:00		Reliability in Software-defined Networks
12:05		Mobility in Software Defined Telecommunications Networks
12:10		Energy Efficient Virtual Resource Management for 5G
12:15		
12:20		Remote Collaboration using Augmented Reality
12:25		Dynamic Security Mechanisms for Softwarized and Virtualized Networks
12:30	**PDEI**	World Model Integration for Cooperative Robotic Teams
12:35		Context mixed reality for situated visualization
12:40		Autonomic and Cooperative Decision Model for Network Agents in Self-Management Networks
12:45		
12:50	**MAP-I**	Querying and Visualization of Semantic Data
12:55		Querying and Visualization of Semantic Data
13:00		
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13:00		LUNCH BREAK
14:15		Open innovation and performance: trends in the digital era (public presentation)
14:35	**DBI**	Additive manufacturing for smart plastics (Public presentation, Private Defense)
14:55		Multifuctional Materials for costumized protesis (Private presentation)

hora	PD	Pitches
**Acts Room**		
hora	PD	Pitches
09:15		Abertura
09:20		Potential of Bleached Eucalypt Kraft Pulp for New Non-Papermaking Applications
09:25		New polymeric formulations from lignosulphonates
09:30		Development of Eutectic Solvents for the fractionation of wood
09:35		Boosting Biorefinery: Eutectic mixtures as alternative solvents in the extraction and processing of polysaccharides
09:40	PDEQ	Extraction of tannins from wine by-products using eutectic solvents
09:45		Separation of Triterpenic Acids by Simulated Moving Bed Chromatography
09:50		Towards the development of effective downstream processes for monoclonal antibodies
09:55		Towards the manufacturing of low-cost and high quality nucleic-acid-based biopharmaceuticals
10:00		From salty water To salty water: problems with colorful solutions
10:05		Nanoparticles in the development of thermoplastic nanocomposites
10:10		
10:15		Small organic fluorophores
10:20		Synthesis of flavonoid-type compounds and phenolic pseudo-C-glycosides of pharmacological importance
10:25		Titanium in marine environment. Physicochemical aspects and effects on organisms
10:30	PDQ	Magnetic carbon nanostructures for the photodegradation of pollutants in water
10:35		Valorization of industrial waste as adsorbents for remediation of contaminated water with pharmaceuticals: chemical activation and modification
10:40		Hybrid nanostructures of graphene materials and polyoxometalate clusters for photodriven applications
10:45		High-Quality Covalent Organic Frameworks to Capture Hazardous Compounds from Water
10:50		
10:55		
11:00		COFFEE BREAK
11:15		
11:20		Brown algae phlorotannins: Structural characterization, bioactivities and bioavailability
11:25		Polysaccharides from the microalgae Chlorella vulgaris and Porphyridium cruentum: potential biotechnological applications
11:30		Microalgae as a sustainable source of lipids for nutrition and phytochemicals
11:35		Beer yeast: from industry by-product to the future of nanotherapy
11:40		Wine & Shrimps: A perfect marriage
11:45		FoodWastePlasticdemic
11:50		Development of improved in-tube solid-phase microextraction method coupled to high-resolution techniques for assessing the atmospheric variability of water-soluble organic matter composition
11:55	PDQS	Molecular recognition of biologically relevant anions: a theoretical investigation
12:00		Coordination systems: A Further Step to Improve Osteoporosis Treatments
12:05		PDQSBiopolymeric microneedles: new frontiers in drug administration
12:10		Expanding azaindole synthesis via metal-catalyzed and metal-free routes
12:15		Biomimetic Iron Porphyrins as Sustainable Catalysts in Insertion Reactions
12:20		(Metallo)Porphyrins as Homogeneous and Heterogeneous (Photo)Catalysts in the (Photo)Oxidation of Xenobiotics
12:25		Design, synthesis and evaluation of novel potential antileishmanial inhibitors
12:30		Synthesis and characterization of thiazolo[5,4-d] thiazoles or thiazolo[5,4-c]isoquinolines aiming their use as sensitizers for dye-sensitized solar cells
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13:00		
13:00		LUNCH BREAK
14:15		Performance Drivers of Family SMEs (Public presentation)
14:20	DBI	Metal AM by SLM applied to mold inserts for plastic injection (Public presentation, Private Defense)
14:25		Estudo do desempenho de feltros planos, produzidos por diferentes métodos de consolidação (Private presentation)

hora	PD	Pitches
		Senate Room
09:15		Abertura
09:20		Magneto-plasmonic nanoassemblies using dendrimers: chemical synthesis and water quality monitoring
09:25	PDNN	Magnetic bio-hybrid sorbents for the uptake of active pharmaceutical ingredients from water
09:30		Magnetic-field-assisted of multi-functional layered double hydroxides
09:35		FLASH sintering of lead-free piezoelectrics
09:40	PDMPA	Porous calcium phosphate bone graft scaffolds for advanced therapies
09:45		Layered double hydroxide (LDH) nanoreservoirs of corrosion inhibitors for application in self-healing protective coatings
09:50		Mixed oxide thin films as eletrochromic layer
09:55		Tri-critical point in Magnetocalorics
10:00		Diamonds and Dielectrics – A Brilliant Combination for High Temperature Electronics
10:05		Solar Degradation of Organic Pollutants via Hybrid Carbon-based Nanostructures"
10:10		Let's get physical
10:15		Can T-RTM be an alternative strategy to produce thermoplastic composites?
10:20		Electrochemical elimination of NOx by reversible solid oxide cell with selective electrocatalysts
10:25		Different additive techniques, different products?
10:30		Electrochemical Sensors for pH, Dissolved Oxygen and Chloride Monitoring in Reinforced Concrete Structures
10:35	PDCEM	Disruptive approach on cork processing technologies
10:40		
10:45		Perspectives on Science Communication in the Period 1945-1975: The Case of the Space Race
10:50		And Galen crossed the Atlantic. The syncretism of Luso-Brazilian medical practices and knowledge (1500-1650)
10:55	PDHCEC	A Perspective on Brazilian Scientific History: the creation of the Brazilian Society of History of Science
11:00		COFFEE BREAK
11:15		
11:20		Misaligning to write faster
11:25		Multi-core fibers devices for high-capacity optical networks
11:30		Assessment of the easyPET-3D system performance: NEMA NU 4-2008 standards and animal model
11:35	PDEF	Understanding the electronic transport in Ta2O5-based memristive devices
11:40		Compact localized states in geometrically frustrated systems
11:45	MAP-Fis	Electromagnetically induced transparency in HC-MOFs
11:50		
11:55		Topical Clayey Product Design & Therapeutic Objectives
12:00	PDG	Lithospheric Structure in W/SW Iberia Margin and Rifting Processes
12:05		
12:10		Artificial Beach Nourishments in the Presence of Coastal Structures: Suitability Classification
12:15		Energy performance and thermal comfort of residential Lightweight Steel-Framed buildings (LSF): challenges and enhancement strategies
12:20		Fire design of tapered steel members
12:25		Circular economy approach to construction materials incorporating paper & pulp industry wastes
12:30	PDEC	Seismic vulnerability assessment of mixed masonry-concrete buildings
12:35		
12:40	PDMAT	Multivariate Contributions in the Decomposition of a Time Series
12:45		New convolutions associated with new integral transforms of Fourier type
12:50		Optimal Control and Mathematical Models in Epidemiology
12:55	PDMA	Logic foundations and computational tools for synthetic biology
13:00		
13:00		
13:00		
13:00		LUNCH BREAK
14:15	DBI	Leveraging Smart Factories: a digital transformation on the shop floor of a Felt Hat Bodies Industry (Private presentation)
14:35	DBI	Framework to optimize IoT infrastructure in order to increase the value of industrial data by applying advanced data analytics (Private presentation)
14:55	DBI	Análise e Cálculo Estrutural de Estantes Metálicas em Chapa Fina

		Translations Room
hora	PD	Pitches
09:15		Abertura
09:20		Photodynamic therapy in prostate cancer and metastatic malignant melanoma using chlorin photosensitizers
09:25		Metabolic Reprogramming of Tumor-Associated Macrophages: from Deeper Insights to Novel Therapeutic Approaches in Triple Negative Breast Cancer
09:30		Toxicometabolomics of graphene based nanomaterials (GBNs): towards mechanistic insights and new biomarkers
09:35		Bioelectronic tongue for the detection of paralytic shellfish toxins
09:40		Dynamic microfactories encapsulating cells for bone tissue engineering
09:45		Deep eutectic solvents comprising active pharmaceutical ingredients for incorporation in biopolymer-based drug delivery systems
09:50		How to design proteins from scratch
09:55		BioBlisterPack – Agrofood byproducts for biodegradable blister packaging
10:00		Bioactive compounds from sulphite pulp production streams for applications in functional food and cosmeceutical industries
10:05		Valuation of marine microalgae polysaccharides
10:10		Lipidomics of microalgae: unravelling their lipid signature and bioprospecting bioactive phytochemicals
10:15	PDBQ	Valorization and traceability of cultured macroalgae using elemental and lipid signatures
10:20		
10:25		Shedding light on black liquor: a complex problem, a simple approach
10:30	PDBR	Technology for the valorization of agro-forestry residues
10:35		
10:40	PDCEE	Essays on the Active Ageing Index and their determinants: an economic, social and environmental approach in the EU-28 and Portugal
10:45		
10:50		
10:55		
11:00		COFFEE BREAK
11:15		
11:20		Shelf-life extension of pasteurized and ready-to-eat foods by hyperbaric storage at room temperature
11:25		Innovative Sequentially Combined Processing Technologies to Improve the quality of Egg Pasteurized Products
11:30		Gluten free starch extracted by emerging technologies from by-products and losses of acorn and chestnut
11:35		Isolation, derivatisation, and characterisation of polysaccharides with immunomodulatory potential for valorisation of broccoli by-products
11:40		Espresso coffee: anytime, the convenience of innovation
11:45		Valorisation of pine nut skin
11:50		Storage under pressure of dairy foods as an alternative to refrigeration
11:55		The influence of pH in key case-studies bacterial and fungal spores' behaviour inoculated in food model solutions and food products stored under pressure (hyperbaric storage)
12:00		Hyperbaric storage as a novel preservation process compared to refrigeration: fresh fish as a case-study
12:05		Evaluation of hyperbaric storage as a novel food preservation methodology for raw meat versus refrigeration
12:10		Evaluation of high-pressure as a non-thermal pasteurisation technology to render Serra cheese manufactured from raw ewe milk microbiologically safe
12:15		Evaluation of high-pressure as a novel non-thermal extraction technology to obtain extracts with improved biological activities from medicinal plants
12:20	PDCTAN	Should apple pomace be an industrial disposable?
12:25		The continuous Synchronization movement
12:30		The legacy of António Leal Moreira (1758-1819): music, dramaturgy and vocality for an interpretation of his dramatic works
12:35		Beyond Gesture: The interpersonal communication between conductor and orchestra
12:40		A regulação da atividade musical e a construção de um estatuto dos músicos: o caso do quinteto de sopros da emissora nacional
12:45		Agapito de Miranda composer of memories. The notebooks of a song collector from XXth century Goa
12:50	PDMu	"Easter Mysteries" in Idanha-a-Nova: Processes of Patrimonialization and Turistification
12:55		
13:00		
13:00		
13:00		
13:00		LUNCH BREAK