	July 1st		
08h00	**Registration**		
08h50	**Welcome Remarks@Auditorium**		
	Auditorium	**Room A**	**Room B**
	Session Chair: Gianluca Mazzucco	**Session Chair: Terje Haukaas**	**Session Chair: Donghu Guo**
	Multi-scale topics	**Multi-uncertainty topics**	**Interdisciplinary topics**
09h00	Session 1.1.1_Paper 140_ VEPD Model in Meso-Scale Approach_**Gianluca Mazzucco** (University of Padua)	Session 1.1.4_Paper_143_Effect of Correlation and Nonlinearity on Uncertainty in the Response from Computational Simulation Models_**Terje Haukaas** (The University of British Columbia, Vancouver)	Session 1.1.7_Paper_234_Scale-Independent AI Reduced-Order Model with Rollout Training for Long-Term Flow Prediction_**Donghu Guo** (Imperial College London)
09h20	Session 1.1.2_Paper_177_Molecular Dynamics Simulation of Deposition and Nanoindentation in SiNx/BNy Amorphous Periodic Nanolayered Coatings: Insights into Growth and Strengthening Mechanisms_**Pengyuan Wu** (Zhejiang University)"	Session 1.1.6_Paper_188_Chance constrained optimization of gas transport using kernel density estimation_**Hendrik Wilka** (TU Darmstadt)	Session 1.1.8_Paper_259_Effects of Heat Transfer Models on Soot Deposition_**Marcos Vanella** (National Institute of Standards and Technology)
09h40	Session 1.1.3_Paper 250_The Principle of Multiscale Virtual Power applied to Cosserat hyperelasticity_**José Luis Thiesen**_(Federal University of Santa Catarina)	Session 1.1.5_Paper_286_Phase-field Model for Multiple Phases and Grains using Finite Difference Method_**DongHwa Lee** (Korea Atomic Energy Research Institute)	Session 1.1.9_Paper 302_Construction of Topological Spherical Quadrilateral Meshes Based on Meromorphic Differentials_**Xiaopeng Zheng** (Dalian University of Technology
10h00	**Coffee-Break**		
10h20	**Plenary Session "Third Medium Contact for Multi-field Applications" by Peter Wriggers @ Auditorium**		
	Auditorium	**Room A**	**Room B**
	Session Chair: Marcos Vanella	**Session Chair: Andrea Franceschini**	**Session Chair: Gabriela Fernandes**
	Interdisciplinary topics	**Multi-physics topics**	**Multi-scale topics**
11h10	Session 1.1.10_Paper_312_Image based Microstructural Simulations of polycrystalline Materials_**Binbing Chen** (Swansea University)	Session 1.1.14_Paper_152_GReS: A novel multi-physics multi-domain computational tool for geomechanical subsurface simulations _**Andrea Franceschini** (Università degli Studi di Padova)	Session 1.1.18_Paper_155_Modeling of Metal Matrix Composites considering phase debonding and porosity using FEM and the RVE concept _**José Julio Pituba** (Federal University of Catalao)
11h30	Session 1.1.11_Paper_191_An isogeometric collocation method for neural fields on curved geometries_**Neekar Mohammed** (Nottingham trent University)	Session 1.1.15_Paper_157_Concrete in Nuclear Shielding Applications: A Multi-physics Numerical Study_**Jiangkun Zhang** (University of Padova)	Session 1.1.19_Paper_160_Modeling of Concrete Microstrucutre by a BEM Formulation Based on the RVE Concept_ **Gabriela Fernandes** (Federal University of Catalão)
11h50	Session 1.1.12_Paper_214_Numerical study of deflagration in small compartment employing finite rate chemistry mechanisms_**Marcos Vanella** (NIST)	Session 1.1.16_Paper_159_Multiple time-weighted residual methodology for the design of linear multi-step time integration algorithms_**Yazhou Wang** (Technical University of Munich)	Session 1.1.20_Paper_161_Developing Deep Learning Potential for Molecular Dynamics Simulation on Al-Nb-Ti-V-Zr High-Entropy Alloy Hydrogen Storage Materials_**An Zhi Lin** (National Sun Yat-sen University)
12h10	Session 1.1.13_Paper_151_Enhancing Computational Efficiency in Probabilistic Wildfire Risk Assessment through a Novel Cluster-Based Active-Learning Methodology_ **Ji Yun Lee** (Washington State University)	Session 1.1.17_Paper_163_Sequential DeepONets for Predicting Multi-physics Solutions: A Study of Optimal Learning with Multi-inputs _**Seid Koric** (University of Illnois at Urbana-Champaign)	Session 1.1.21_Paper_146_On the multi-scale modeling of polymer aging: a microscopic point of view_**Andrea Villa**_Ricerca sul Sistema Energetico (RSE S.p.A
12h30	**Lunch Break**		
14h00	**Plenary Session 2 by Eugenio Oñate Ibañez de Navarra @ Auditorium**		
	Auditorium	**Room A**	**Room B**
	Session Chair: **Théo Coiffard**	Session Chair: **S. Thomas Ng**	Session Chair: **Chenfeng Li**
	Multi-scale topics	**Interdisciplinary topics**	Online Sessions https://videoconf-colibri.zoom.us/j/94920918014?pwd=J8JfvNaZZVQYNPnam4b17QVfz60yNx.1 Meeting ID: 949 2091 8014 Passcode: 479463
14h50	Session 1.2.13_Paper_162_A Lattice Boltzmann Method for a Range of Flow Regimes: From Free-Flow to Weakly Permeable Media_**Théo Coiffard** (MIA laboratory, La Rochelle University)	Session 1.2.8_Paper_156_Liquid Phase behavior and Molecular aggregation in Aqueous Solutions: MD Simulation and Graph Theoretical Analysis _**Jun-Ho Choi** (Gwangju Institute of Science and Technology)	Online Session 1.2.1_Paper_136_An In Vivo Image-Based Multiscale Framework for Mechanical Characterization of Bone Tissue_**Yunhua Luo** (University of Manitoba)
15h10	Session 1.2.14_Paper_170_A Domain Decomposition Multi-Scale Method for Simulation in Direct Energy Deposition Additive Manufacturing_ **Miguel Picos Maiztegui** (CITMAga)	Session 1.2.9_Paper_167_Improving alpine skiing performance through video analysis of the ideal and real path_**Denisa Brus** (Transilvania University)	Online Session 1.2.2_Paper_215_Chebyshev collocation method for the stability of ferromagnetohydrodynamic Poiseuille blood flow incorporating micromagnetorotation_**Kyriaki-Evangelia Aslani** (University of the Peloponnese)
15h30	Session 1.2.15_Paper_172_Accelerating Multi-Scale Simulations using Uncertainty-Driven Phase-Field Mixtures of Constitutive Models_**Joep Storm** (Delft University of Technology)	Session 1.2.10_Paper_171_Self-Attention-Enhanced LSTM Model for Metro Station Passenger Flow Prediction: Accuracy and Performance Analysis_ **S. Thomas Ng** (City University of Hong Kong)	Online Session 1.2.3_Paper_205_Modeling of Air Purification Processes Using Multilayer Porous and Sorbent Filters_**Tatiana Kudriashova** (KIAM RAS)
15h50	Session 1.2.16_Paper_190_Empirically Corrected Cluster Cubature for Reduced Order Models applied to Magnetostatics_**Hauke Goldbeck** (Christian-Albrechts-Universität zu Kiel)	Session 1.2.11_Paper_236_Numerical simualtion of pulsatile blood flow in the pulmonary artery under the influence of pulmonary hypertension_**Alibek Issakhov** (Kazakh-British technical university)	Online Session 1.2.4_Paper_290_Numerical Modeling of Gas Release from Underground Gas Hydrates and Its Upward Movement taking into account the Nonlinearity of the Filtration Law_**Ahmed Bakeer**_ (Keldysh Institute of Applied Mathematics of Russian Academy of Sciences)
16h10	**Coffee-Break**		
	Auditorium	**Room A**	
	Session Chair: **Francisco Pires**	Session Chair:**Ha-yeong Kim**	
	Online Sessions https://videoconf-colibri.zoom.us/j/95166059793?pwd=XYkKLom3GNazHBFJKs80nhO8V7Gkab.1 Meeting ID: 951 6605 9793 Passcode: 730481	**Interdisciplinary topics& Multi-scale topics**	
16h20	Online Session 1.2.5_Paper_301_Multiscale Calculations of Metal Coating Spraying Processes_**Viktoriia Podryga** (Keldysh Institute of Applied Mathematics of RAS)	Session 1.2_40_Paper_223_Design of Liquefied Hydrogen Tank Support Structure Considering Structural and Thermal Performance Utilizing Topology Optimization Concept_**Ha-yeong Kim** (Korea Research Institute of Ships and Ocean Engineering)	
16h40	Online Session 1.2.6_Paper_260_Modeling and Simulation of Incompatible Deformations in Solids with dislocation microstructure : A Strain-Gradient Approach with Finite Element Implementation_**Nicolas Van Goethem** (Departamento de Matemática, Faculdade de Ciências, Universidade de Lisboa)	Session 1.2.30_Paper Paper_220_Innovative Designs for Liquefied Hydrogen Fuel Storage Tank in Ships _**Hyun-Seok Kim** (Korea Research Institute of Ships and Ocean Engineering)	

17h00	Online Session 1.2.19 _Paper_139_Sequential and Iterative Method for Flux-linked Scalar Transport Equations in Multi-Physics Multi-Region Problems _**Raviteja Yakkala** (Indian Institute of Technology Madras)	Session 1.2.45_ Paper_150_Two Time Scales Modelling of the Irreversible Deformation and Damage Accumulation in Metals and Metamaterials _**Dmytro Breslavsky** (National Technical University - Kharkiv Polytechnic Institute")
17h20	Online Session 1.2.35_Paper_149_Numerical Simulation of Physico-Chemical Systems_**Emmanuel Amikiya** (Ghana Institute of Management and Public Administration)	Session 1.2.7_Paper_178_Design of the Cryogenic Liquefied Hydrogen Corrugated Tank using Topology Optimization and Thermal Stress Analysis_**Song-Hyun CHA** (Korea Research Institute of Ships & Ocean Engineering)

	July 2nd		
	Auditorium	**Room A**	**Room B**
	Session Chair:Beatrice Pomaro	**Session Chair: Moritz Frey**	**Session Chair : David Emerson**
	Multi-physics topics	**Multi-scale topics**	**Multi-physics topics**
09h00	Session 2.1.1_Paper_164_A 3D Coupled Thermo-Mechanical and Neutron Diffusion Model for Irradiated Concrete_**Beatrice Pomaro** (University of Padova)	Session 2.1.5_Paper_231_Homogenization of Mechanical Metamaterials with Self-contact Mechanisms for Programmable Stiffness Using Data-driven Constitutive Models_**Moritz Frey** (University of the Bundeswehr Munich)	Session 2.1.10_Paper_221_Design of High-Speed IPMSM Rotor Using CFRP Sleeves_**Si-Uk Jung** (Daegu University)
09h20	Session 2.1.2_Paper_180_Multi-physics, multi-scale modelling of droplet behavior in an electric field_**Alex Martynenko** (Dalhousie University)	Session 2.1.6_Paper_232_A 3-scale computational homogenisation strategy for sheet moulded compounds using material network surrogates._**Ujwal Kishore Jinaga** (University of Liege)	Session 2.1.11_Paper_224_Fourth-order phase field modelling of crack initiation and propagation under combined thermo-mechanical loadings with strong form meshless method_**Izaz Ali** (Faculty of Mechanical Engineering, University of Ljubljana, Slovenia)
09h40	Session 2.1.3_Paper_183_Advancements in GS4-i-ROM: a unified time integration for coupled first-second order time-dependent problems_**Tao Xue** (Nanjing University of Science and Technology)	Session 2.1.8_Paper_244_Multi-scale industrial analysis of multilayered bending plates: The 2D+ approach_**Oriol Lloberas-Valls** (Universitat Politècnica de Catalunya)	Session 2.1.12_Paper_230_Partitioned Code Coupling for Multi-scale and Multi-physics Problems Through MUI Library_**David Emerson** (STFC Daresbury Laboratory)*
10h00	Session 2.1.4_Paper_187_Coupled multi-physics simulation of light-material interaction in additive lithography for electronics_**Marwan Aarab** (Eindhoven University of Technology)	Session 2.1.30_Paper_317_A Comparative Review of Current Practices in Working Platform Design for Construction and Geotechnical Operations _**Amir Arabzadeh** (Swansea University)	Session 2.1.40_Paper_174_Numerical Assessment of Thermal Insulation System of a 6 CBM Liquid Hydrogen Fuel Tank for Maritime Applications _**Dong Hee Hong** (Korea Research Institute of Ships & Ocean Engineering)
10h20	**Coffee Break**		
10h40	**Plenary Session 3 by Thomas J.R. Hughes @Auditorium**		
	Auditorium	**Room A**	**Room B**
	Session Chair: Isabelle Ramiere	**Session Chair: Francisco Pires**	**Session Chair:Dimitrios Samaras**
	Multi-scale topics	**Interdisciplinary topics**	**Multi-scale topics**
11h30	Session 2.1.13_Paper_179_Towards second-order FE^2 multiscale solutions for quasi-stationary thermal problems with a heterogeneous heat source_**Isabelle RAMIERE** (CEA)	Session 2.1.16_Paper_309_Common Riccati Stability and Time-Delay Systems_**Ali Algefary** (Qassim University)	Session 2.1.19_Paper_249_Quantitative Analysis of Granular Explosives through Examination of Compaction Manufacturing Process_**Dimitrios Samaras** (Imperial College London
11h50	Session 2.1.14_Paper_186_Optimal solutions and r-adaption employing an algebraic Variational Multiscale approach_**Suyash Shrestha** (UPM)	Session 2.1.17_Paper_313_Enhancement of a Crane Hook Design using Topology Optimization and AI-Based Generative Design for Weight Reduction_**Eren Kalay** (ITU)*	Session 2.1.20_Paper_285_Efficient multiscale simulations of additively manufactured alloys at finite strain: Towards a hybrid approach combining FE2 and FE-NN_**Arnaud Radermecker** (Université de Liège)
12h10	Session 2.1.15_Paper_201_Finite Element and Machine Learning-Assisted Multi-scale Simulation of Impact-Resistant Stitched Composite Shields_**Eduardo Sosa** (West Virginia University)	Session 2.1.18_Paper_134_A multi-physics model for the simulation of a cold breakdown plasma and its interaction with dielectric surfaces_**Andrea Barbareschi Villa** (RSE)	Session 2.1.21_Paper_288_Leveraging Full-field Meso-scale Models of Polycrystalline Materials to Hierarchically Propagate High-rate Inter-granular Fracture Mechanics to Macro-scale Models_**David Wason** (University of Oxford)
12h20	Session 2.1.22_Paper_297_Multiscale Automated Discovery Approach for Homogenized Material Identification in Metamaterials_**Mohammad Shojaee** (TU Darmstadt)	Session 2.1.50_Paper_314_Explicit Euler - Nonlocal Operator Method for Solving Transient Heat Conduction Problems_**Umut Sahin** (Istanbul Technical University)	Session 2.1.60_Paper 318_Constitutive modeling of twinning induced deformation at elevated temperatures for MP35N superalloy_**Ruijie Deng** _ Harbin University of Science and Technology
12h40	**Lunch Break**		
	Auditorium	**Room A**	**Room B**
	Session Chair: Patrick Kopper	**Session Chair: _Xikai Jiang**	**Session Chair: Alessandra Paoloni**
	Multi-physics topics	**Multi-physics topics**	**Multi-scale topics**
14h00	Session 2.2.1_Paper_192_On Novel MPI+MPI Hybrid Techniques for Euler-Lagrange Simulations on Distributed Systems_**Patrick Kopper** (University of Stuttgart)	Session 2.2.7_Paper_275_Modelling of Bubble Breakage and Coalescence in Stirred and Sparged Bioreactor Using the Euler-Lagrange Approach Coupled with VOF_**Pavel Krÿsa** (UCT Prague)	Session 2.2.50 _Paper_175_Using Computer Vision to predict microscale turbulent drag force in porous media_: **Andrey Kuznetsov** (North Carolina State University)
14h20	Session 2.2.2_Paper_194_A High-Order Four-Way Coupled Euler–Lagrange Approach for Particle-Laden Flow_**Anna Schwarz** (University of Stuttgart)	Session 2.2.8_Paper_276_Scalar Mixing Characteristics of an Elevated Low Velocity Ratio Jet in Atmospheric Crossflow using IDDES_**Ilyas Yilmaz** (Istanbul Bilgi Univ)*	Session 2.2.12_Paper_254_Multi-scale Analysis and Design of Materials: a Composite Bayesian Optimisation Strategy_**Rui Coelho** (FEUP)
14h40	Session 2.2.3_Paper_195_ Influence of Nitrogen Concentration on the Fracture Mechanism of Nitrogen-Doped Gamma-Graphyne Monolayer, Bilayer, and Trilayer: A Molecular Dynamics Study_**Mahmoudreza Dehnavi** (IDMEC - Instituto Superior Técnico)	Session 2.2.9_Paper_281_Dynamics of charged particles in low-Reynolds-number fluids confined in general geometries_**Xikai Jiang** (Institute of Mechanics, Chinese Academy of Sciences)	Session 2.2.13_Paper_255_Mean Field Homogenization Based on the Principle of Multi-Scale Virtual Power and Its Dual: Application to Semi-Crystalline Polymers_**José Vila-Chã** (FEUP)
15h00	Session 2.2.4_Paper_196_Physics Informed Neural Networks for coupled radiation transport equations_**Laetitia LAGUZET** (CEA);	Session 2.2.10_Paper_284_Insights into Interfacial Reactions in Lithium Solid State Battery via Machine Learning Molecular Dynamics_**Ruitian He** (UCL);	Session 2.2.14_Paper_261_Surrogate Modelling for Global Sensitivity Analysis of Biomechanical Arterial Constitutive Models_**João Carlos Moutinho Gonçalves** (KU Leuven)
15h20	Session 2.2.5_Paper_199_Multi-Physical Modeling of Meta-Materials for mm-Wave Applications in the Outdoor Environment_**Roshan Gomez** (TU Dresden)*; Michael Kaliske (TU Dresden)	Session 2.2.31__Paper_265_An Iterative Method for Elastic Multiple Scattering Coupled with a High Order Local Farfield Expansion ABC_**Vianey Villamizar** (Brigham Young University)	Session 2.2.15_Paper_263_Toward a new PGD approach for the numerical simulation of elongated structures_**Frederic Legoll** (ENPC and Inria)
15h40	Session 2.2.6_Paper_208_Phase-field modeling of initiation and propagation of cracks in multiphase porous media due to thermal effects_**Ze-chao Chen** (University of Padova)	Session 2.2.40_Paper 298_**Alex Martynenko**_Numerical Investigation on Convective Heat Transfer Enhancement by Ionic Wind _Dalhousie University)	Session 2.2.16_Paper_283_Discrete-to-Continuum Computational Homogenization of Lattice Materials_**Alessandra Paoloni** (Sapienza University of Rome)
16h00	**Coffee Break**		
	Auditorium	**Room A**	**Room B**
	Session Chair V Mithlesh Kumar	**Session Chair Francesca Bracaglia**	**Session Chair Gun Woo Kim**
	Multi-uncertainty topics	**Multi-physics topics**	**Interdisciplinary topics**
16h20	Session 2.2.17_Paper_240_Tackling challenges in Bayesian model selection with state-of-the-art techniques_**V Mithlesh Kumar** (RWTH Aachen University)	Session 2.2.21_Paper_287_Post-buckling and nonlinear thermal stress of laminated composite by CUF _**Francesca Bracaglia** (Politecnico di Torino)	Session 2.2.32__Paper_305_A Numerical Method for Solving Maxwell's Equations in Singular 3D Geometry_ Irina Raichik (Bar Ilan Unersity)
16h40	Session 2.2.18_Paper_292_A Kriging-assisted first order reliability method combining heuristic algorithms for efficient and accurate reliability analysis _**Shiyuan Yang** (University of Porto)	Session 2.2.22_Paper_294_Influence of Computational Cell Aspect Ratio on the Accuracy and Computational Cost of CFD Simulations of Gas-Accelerated Flat Sheet Jets_**Krištof Kovačič** (Faculty of Mechanical Engineering, University of Ljubljana)*	Session 2.2.25_Paper_217_Numerical Assessment of Insulation System Design for 20 CBM Liquefied Hydrogen Tank using Concept of Cryogenic Sacrificial Fluid Shielding_**Gun Woo Kim** (Korea Research Institute of Ships & Ocean Engineering)
17h00	Session 2.2.19_Paper_310_Integrating Multi-Scale and Multi-Uncertainty Analysis in Structural Reliability Assessment _**Temple Njokul** (Swansea University)	Session 2.2.23_Paper_311_Image-Based simulation of porous insulation materials_**Liam Garcia** (Swansea University)	Session 2.2.26_Paper_219_Novel Concept Design for Efficient Storage and Carriage of On-board Captured CO2: Mid-ship Shaped Vertical Tri-Lobe LCO2 Tank_**Jinho Lee** (University of Science and Technology)

	July 3rd		
09h30	Plenary Session 4 " Variational phase-field modeling of fracture: towards second-generation models." by **Laura De Lorenzis** @Auditorium		
10h20	**Coffee Break**		
	Auditorium	**Room A**	**Room B**
	Session Chair: Alexandre Caboussat	**Session Chair: Jianmin Qu**	**Session Chair: Katie Madine**
	Multi-scale topics	**Interdisciplinary topics**	**Multi-physics topics**
10h40	Session 3.1.1_Paper_202_Coupling incompressible Newtonian fluids, visco-elastic fluids, and elastic solids: an Eulerian model for multiphase flows_**Alexandre Caboussat** (University of Applied Sciences Western Switzerland (HES-SO)	Session 3.1.7_Paper_181_Automated Characterization of Debonding based on Ultrasonic Guided Waves and A Simulation-Trained Deep Neural Network_**Jianmin Qu** (Stevens Institute of Technology)	Session 3.1.13_Paper_241_Controlling flexural wave propagation on arrays of gyroscopes and beams, with negative refraction and asymmetric modes_**Katie Madine** (University of Liverpool)
11h00	Session 3.1.2_Paper_211_ Multiscale and Multiphysics Framework for Thermal and Structural Analysis of Load-Bearing Heat Exchangers in Sustainable Aircraft_**Girindra Ramgobin** (University of Leeds)	Session 3.1.8_Paper_235_Surrogate model for solid-fluid interaction: a scalable neural-network approach_**Nathalie Pinheiro** (Imperial College London)	Session 3.1.14_Paper_247_Evolution and Propagation of Pre-existing Crack in the Core of an Earth-Rockfill Dam Due to Reservoir Impoundment_**Anulekha Chakraborty** (IIT Guwahati)
11h20	Session 3.1.3_Paper_213_Unravelling the Interplay between Mesh-Dependent Effects Across Spatial Scales with Second-Order Computational Homogenisation_**Guilherme Gonçalves** (DEMec, FEUP)	Session 3.1.9_Paper_268_Predicting the Macro Compression Strength of Masonry via Probabilistic Discontiuum-Based Analysis_**Bora Pulatsu** (Carleton University)	Session 3.1.15_Paper_258_Quantitative Assessment of Fracture Risk in Metastatic Vertebrae: An In Silico Approach_**Alkaios Lamprakis** (University College London)
11h40	Session 3.1.4_Paper_222_Statistically compatible hyper-reduction for variationally consistent homogenization and its application to diffusion_**Jan Hauck** (Kiel University)	Session 3.1.10_Paper_278_Alleviating Spurious Wave Reflection with Filters, Absorbing Layers and Artificial Neural Network Couplings_**Kin Fung Chan** (University of Oxford)	Session 3.1.16_Paper_264_Parallel performance of the pseudospectral method applied to the kinematic dynamo problem_ **Roman Chertovskikh** (FEUP)
12h00	Session 3.1.6_Paper_228_Continuous Unsteady Adjoint Variational Multiscale Method for airfoils applications_**Carlo Brunelli** (Royal Military Academy)	Session 3.1.11_Paper_279_The Onsager principle as an approximation tool in multi-physics multi-scale problem_**Xianmin XU** (Chinese Academy of Sciences)	Session 3.1.18_Paper_274_A discrete dual finite volume method for the convection-diffusion equation: toward cold-plasma modeling._**Thomas Bonnafont** (Lab-STICC, UMR CNRS 6285, ENSTA, IP Paris)
12h20	Session 3.1.5_Paper 277_ICME Framework for design of Micro-alloyed electrical steels_**Akash Bhattacharjee**_CS Research,Tata Consultancy Services	Session 3.1.20_Paper_141_Computational methods in nondestructive evaluation at concrete floors in multisite facilities_ **Łukasz Sadowski** (Politechnika Wroclawska)	Session 3.1.21_Paper_316_Deformation Mode Coupling and Size Effects in Micro-Architected Materials: Multi-Scale Modelling, Additive Manufacturing and Experimental Validation_**Igor Rodrigues Lopes** (INEGI)
12h40	**Lunch Break**		
	Social Program		