

PROGRAMME			
Thursday: 30/03/2023		Friday: 31/03/2023	
08.00 08.05	OPENING CEREMONY (RA)	08.00 08.45	PLENARY SESSION III (RA) <i>Numerical Tools In The Study Of Low Dimension Nonlinear Maps</i> Prof. Daniele Fournier-Prunaret – INSA Toulouse, Université de Toulouse
08.05 08.45	PLENARY SESSION I (RA) <i>Overcoming Data Scarcity with Machine Learning Tools in Medical, Chemical, Energy, and Archaeology Applications</i> Prof. Stéphane Bordas - Université du Luxembourg	08.45 09.15	Invited Lecture III (RA) <i>Uncertainty Quantification for Advanced Progressive Damage Models for Composites by Means of Efficient Emulators and Bootstrapping</i> Prof. Giuseppe Catalanotti (University of Évora)
08.45 09.30	SESSION I: Candidates to Young Researcher Award (RA)	09.15	SESSION X: Symbolic and Numerical Techniques and Applications (RA)
09.30	SESSION II: Simulation and Optimization of Fluid Flow, Heat, and Mass Transfer I (RA)	10.30	SESSION XI: - Statistical Modelling in Mechanical Applications I (RB)
10.30	SESSION III: - Numerical and Symbolic Computation in Mathematics and Engineering (RB)		
10.30 – 10.45 h		Coffee Break	
10.45 11.15	Invited Lecture I (RA) <i>High Performance Computing Ecosystem</i> Prof. Miguel Aiviliz (University of Évora)	10.45 11.15	Invited Lecture IV (RA) <i>Design and Modelling of an Intelligent System Based on Piezoelectric Materials for the Dual Control of the Load and the Gas Emissions of a Vehicle in Motion</i> Prof. Hajjaji Abdelwahed (Laboratoire de Génie Electrique et Ferroélectricité – INSA Lyon)
11.15 12.30	SESSION IV: Mini-Symposium in Applications Using Symbolic Computations (RA) SESSION V: - Orthogonal Polynomials, Special Functions, and Applications (RB)	11.15 12.30	SESSION XII: Computational Mechanics and Optimization Applications I (RA)
12.30 – 14.00 h		Lunch	
14.00 14.45	PLENARY SESSION II (RA) <i>Powerful Tool For Diagnostic of NLO Properties of Specific Multifunctional Materials For Nonlinear Optics and Nanophotonics Applications</i> Prof. Bouchta Sahraoui - Université d'Angers	14.00 14.45	PLENARY SESSION IV (RA) <i>The European Data Economy, High Performance Computing, Data Access And Sharing</i> Prof. Maria da Graça Carvalho - Member of the European Parliament IST, University of Lisbon
14.45 15.15	Invited Lecture II (RA) <i>Simulations of Nanoplastics in Water. Interactions with Water Pollutants</i> Prof. Alfredo Palace Carvalho (University of Évora)	14.45 15.30	Invited Lecture V (RA) <i>Nonlinear Phenomena - Symbolic Dynamics and Natural Computing</i> Prof. Carlos Ramos (University of Évora)
15.15 16.30	SESSION VI : Computation Models in Mathematics, Finance and Economics (RA) SESSION VII : Signals, Instrumentation, and Measurement I (RB)	15.30 16.30	SESSION XIV: Computational Methodologies in Health Applications (RA) SESSION XV: - Computational Mechanics and Optimization Applications II (RB)
16.30 – 16.45 h		Coffee Break	
16.45 18.00	SESSION VIII: Simulation and Optimization of Fluid Flow, Heat and Mass Transfer II (RA) SESSION IX : Signals, Instrumentation, and Measurement II (RB)	17.00 17.30	CLOSURE

Note: (RA) – Room A (RB) – Room B