## Centre International des Sciences Mécaniques International Centre for Mechanical Sciences

## PROGRAMME 2022

	Charles Doering Session		
	Composite Manufacturing Processes. Analyses, Modelling and Simulations		
	Coordinators: Boisse Philippe (Lyon, F), Kärger Luise (Karlsruhe, D)	May 2 - 6	
	Advanced Professional Training on Mechanics, Tribology in Manufacturing Processes		
M	Coordinators: Bay Niels (Lyngby, DK), Montmitonnet Pierre (Paris, F)	May 9 - 13	
	Physically Based Modelling of Superconductors and their Most Advanced Applications		
	Coordinator: Skoczen Blazej (Cracow, PL)	May 16 - 20	
	Electro- and Magneto-Mechanics of Soft Solids: Experiments, Modeling, and Instabilities		
	Coordinators: Danas Kostas (Palaiseau, F), Lopez-Pamies Oscar (Urbana-Champaign, IL, USA)	June 6 - 10	
	25th CISM-IUTAM International Summer School		
	Instability and Bifurcation Phenomena of Solids including Coupled Field Phenomena		
	Coordinators: Dorfmann Luis (Medford, MA USA), Ogden Ray (Glasgow, UK)	June 13 - 17	
	Architectured Materials: Design Principles and Effective Properties		
	Coordinators: Ganghoffer Jean-François (Lorraine, France), Picu Catalin (Troy, USA)	June 20 - 24	
	CISM-AIMETA Advanced School on		
2.	Exploiting the Use of Strong Nonlinearity in Dynamics and Acoustics		
	Coordinators: Gendelman Oleg V. (Haifa, IL), Vakakis Alexander F. (Urbana, IL, USA)	June 27 - July 1	
	26th CISM-IUTAM International Summer School		
	Convection and Deformation in Porous Media: Geophysical and Biological Flows		
	Coordinators: De Paoli Marco (Wien, A), MacMinn Christopher (Oxford UK)	July 11 - 15	
	Materials and Electro-Mechanical and Biomedical Devices Based on Nanofibers		
	Coordinators: Kowalewski Tomasz A. (Warsaw, PL), Yarin Alexander L. (Chicago, USA)	July 18 - 22	
	Fluid Flow and Phase Change of a Solid Coordinators: Berhanu Michael and Courrech du Pont Sylvain (Paris, F), Szymczak Piotr (Warsaw, PL)	July 05 - 00	
	Coordinators: Bernanu Michael and Courrech du Pont Sylvain (Paris, F), Szymczak Piotr (Warsaw, PL)	July 25 - 29	
	Kurt Magnus Session		
	Mechanics of Smart and Bio-Hybrid Gels: Experiments, Theory, Numerical Simulation		
	Coordinators: Bacca Mattia (Vancouver, CAN), Lucantonio Alessandro (Pisa, I)	August 29 - September 2	
	Advanced Professional Training on		
	Natech Risk: Management Strategies and Resilience Towards Tecnological Accidents Cau	sed by Natural Events	
	Coordinators: Cozzani Valerio (Bologna, I), Paolacci Fabrizio (Rome, I)	September 5 - 9	
	0746 CICM UITAM International Common Calcular County Discussion and Tacker		
	27th CISM-IUTAM International Summer School on Sports Physics and Technology Coordinators: Clanet Christophe (Palaiseau, F), Hosoi Annette (Cambridge, USA)	Sontombor 10 02	
	Coordinators, ordinet Christophe (Falaiseau, F), nosol Annelle (Cambridge, USA)	September 19 - 23	
	Mechanics of Strongly Inhomogeneous Multi-Component and Multi-Layered Structures		
	Coordinators: Altenbach Holm (Magdeburg, D), Prikazchikov Danila (Staffordshire, UK)	October 3 - 7	
	Data Driven Mashaniasi Canatitutiya Madal Erea Annraash		
	Data-Driven Mechanics: Constitutive Model-Free Approach Coordinators: Ortiz Michael (Pasadena, CA, USA), Stainier Laurent (Nantes, F)	October 10 - 14	
	כטטיטוומנטיט. שרוב אווטומבו (רמשמעכוומ, שא, טסאן, טומווופו במעופות (אמוופט, ד)	October 10 - 14	