

WECM'22 Timetable

9.00- 9.15	Welcome speech S. Samborski (in Polish), P.S. Valvo (in English); Opening Dean H. Dębski	
9.15-10.30	<i>Computational Methods in Solid Mechanics</i>	
9.15- 9.45	P.S. Valvo (Keynote Lecture): <i>Energetically Orthogonal Decomposition of Fracture Modes</i>	
9.45-10.00	<u>K. Falkowicz</u> , S. Samborski, P.S. Valvo: <i>Validation of Elastic Couplings in a Compressed Laminate Plate Element</i>	
10.00-10.15	<u>J. Rzczkowski</u> , S. Samborski, P.S. Valvo, J. Paśnik: <i>Mode III Delamination in FRP Composite Laminates with Elastic Couplings</i>	
10.15-10.30	<u>P. Fiscaro*</u> , P.S. Valvo: <i>Modelling of Deployable Cable Nets for Active Space Debris Removal</i>	
10.30-10.45	Coffee break	
10.45-12.00	<i>Computational Methods in Fluid Mechanics</i>	
10.45-11.15	S. Camarri* (Keynote Lecture): <i>Adjoint-based Passive Control of Hydrodynamic Instabilities</i>	
11.15-11.30	<u>M. Saravia*</u> , L. Leporini, V. Giannetti, T. Andreussi, A. Piragino, F. Califano, S. Camarri: <i>Calibrated 1D Model of the Plasma Properties in a Hall Thruster for the Investigation of Breathing Model</i>	
11.30-11.45	<u>L. Leporini*</u> , V. Giannetti, M. Saravia, T. Andreussi, A. Piragino, F. Califano, S. Camarri: <i>Theoretical and Numerical Analysis of the Breathing Instability in Hall Thrusters</i>	
11.45-12.00	<u>C. Chicchiero*</u> , S. Camarri, A. Segalini: <i>A Triple Deck Analysis of the Steady Flow Over a Rotating Disk with Surface Roughness</i>	
12.00-12.15	Coffee break	
12.15-13.30	<i>Experimental Methods in Solid Mechanics</i>	
12.15-12.45	D. Fanteria (Keynote Lecture): <i>Delamination Resistance of Composites in Lightweight Structures: Experimental Approaches</i>	
12.45-13.00	R. Al Afif*: <i>Energy Conversion Technologies</i>	
13.00-13.15	<u>P. Tsokanas*</u> , P. Fiscaro, T. Loutas, P.S. Valvo: <i>Fracture Toughness Analysis of Non-conventional Specimens: Some Key Issues</i>	
13.15-13.30	<u>S. Kharchenko</u> , F. Kharchenko: <i>Intensification of Technological Processes of Equipment for Post-harvest Processing of Grain. Study of Reliability of Sieves with Complex Shapes of Holes</i>	
13.30-13.45	<u>T. Garulli*</u> , D. Fanteria, A. Catapano, E. Martin: <i>Fracture Toughness of Multi-Directional Interfaces in Laminated Composites: Design and Testing of Fully Uncoupled Delamination Specimens</i>	
13.45-14.00	Group photo in front of the FME	
14.00-16.00	Lunch	
16.00-18.00	Poster Session + Discussions in the FME main hall	DIACMEC Canaletto Project participants' meeting

*) presented online with transmission to the room AI