



2nd DAY: Thursday 25 August 2022

9:15 – 10:00	Invited speech of Professor Davide Bigoni Amphitheater I-4
10:00 - 12:00	Mini Symposium: Mechanics of Generalized Continua and their Applications to Engineering Materials and Structures Organizers & Chairs: Th. Zisis, P. Gourgiotis, H.G. Georgiadis Amphitheater I-4
10:00-10:20	Paper 8: A GENERALIZED CONTINUUM THEORY FOR PLASTIC REMODELLING IN FIBROUS MATERIALS <i>Antonino Favata</i>
10:20-10:40	Paper 13: DISPERSION OF SURFACE WAVES IN THE TOUPIN-MINDLIN THEORY OF GRADIENT ELASTICITY <i>P.A. Gourgiotis, Th. Zisis, and H. Georgiadis</i>
10:40-11:00	Paper 18: SINGULAR STRESS CONCENTRATION PROBLEMS IN THE MINDLIN THEORY OF ELASTIC DIELECTRICS <i>P. Koukouli, P. Gourgiotis, and Th. Zisis</i>
11:00-11:20	Paper 38: CALCULATION OF THE DYNAMIC FRACTURE TOUGHNESS OF AN ADHESIVE JOINT CONSIDERING THE DISPERSIVE CHARACTERISTICS OF AN ELASTIC BEAM <i>Georgios Kotsinis, and Theodoros Loutas</i>
11:20-11:40	Paper 70: THE FLAT PUNCH INDENTATION IN GRADIENT ELASTICITY – A NEW CONTACT RESPONSE <i>Th. Zisis, P.A. Gourgiotis, and H.G. Georgiadis</i>
11:40-12:00	Paper 85: STRESS ANALYSIS AROUND AN OPENING OF ARBITRARY SHAPE IN ELASTIC SOLID <i>Georgios Exadaktylos, Pantelis Liolios, George Xiroudakis, and Maria Stavropoulou</i>
10:00 - 12:00	Mini Symposium: Nonlinear Structural Dynamics and Stability Phenomena Organizers & Chairs: G.D. Hatzigeorgiou, G.A. Papagiannopoulos, F.D. Konstandakopoulou Room I-11
10:00-10:20	Paper 3: VIBRATION CONTROL OF THIN-WALLED CYLINDRICAL SHELLS <i>Georgios Malliotakis, Panagiotis Alevras, and Charalampos Baniotopoulos</i>
10:20-10:40	Paper 7: EXPERIMENTAL INVESTIGATION OF CONCRETE-FILLED DOUBLE SKIN ALUMINIUM ALLOY TUBES UNDER IN-PLANE BENDING <i>Shafayat Bin Ali, George Kamaris and Michaela Gkantou</i>