



Speaker Biography

Dr. Katia Genovese obtained a Master's degree in Mechanical Engineering from Polytechnic of Bari (Italy), and a Ph.D. degree in Machine Design from University 'Federico II' (Naples, Italy) in 2002. She worked at Laser Research Centre (Bari, ITALY) and as visiting researcher at Nottingham University (UK), Union College (NY, USA), Centro de Investigaciones en Optica (Mexico), Ecole Nationale Supérieure des Mines (France), Texas A&M University (TX, USA) and Yale University (CT, USA). She is currently Associate Professor in Machine Design and head of the Experimental Mechanics Laboratory of the School of Engineering at University of Basilicata (Potenza, ITALY). Research areas concern optical methods for deformation analysis and their implementation within hybrid numerical/experimental approaches for the inverse mechanical characterization of materials. She is currently working in biomechanics where she developed novel experimental systems for the in vitro testing of biological structures.