



Speaker Biography

Prof. Katia Genovese received M.Sc. in Mechanical Engineering at Polytechnic of Bari, Italy, and Ph.D. in Experimental Mechanics at University 'Federico II' in Naples (2002). Worked as research scientist at Laser Research Centre - Italy and as visiting scholar at Nottingham University - UK, Union College - USA, Centro de Investigaciones en Óptica - Mexico, Ecole Nationale Supérieure des Mines - France, Texas A&M University - USA, Yale University - USA, University of Arizona - USA, Benemerita Universidad Autonoma de Puebla - Mexico, Universidade Federal de Santa Catarina - Brazil. From 2002 to 2015, she joined the Mechanical Engineering Dept. at the University of Basilicata (Potenza, Italy), as Assistant Professor in Machine Design. Authored 40 journal papers, and over 60 papers on International Conference Proceedings. Research areas concern optical methods for shape and deformation measurement (Moiré, Electronic Speckle Pattern Interferometry, Fringe Projection, Digital Image Correlation) and hybrid experimental/numerical methods for material characterization. She is currently Associate Professor in Machine Design and Head of the Experimental Mechanics Laboratory of the School of Engineering at University of Basilicata, Italy.