



PROF. KATIA GENOVESE

SCIENTIFIC CURRICULUM VITAE:

Received M.Sc. magna cum laude in Mechanical Engineering at Polytechnic of Bari, Italy, and Ph.D. in Machine Design at University 'Federico II' in Naples (2002). Worked as researcher at Laser Research Centre (Bari, ITALY) (1998) and as visiting researcher at Nottingham University (UK) (1999), Union College (Schenectady, NY, USA) (2005), Centro de Investigaciones en Optica (León, Guanajuato, Mexico) (2006-07, 2011, 2013), Ecole Nationale Supérieure des Mines (Saint Etienne, France) (2008, 2010, 2012), Department of Biomedical Engineering - Texas A&M University (College Station, TX, USA) (2009), Department of Biomedical Engineering - Yale University (New Haven, CT, USA) (2011, 2012), Department of Biomedical Engineering - University of Arizona (Tucson, AZ, USA) (2012). From 2002 to 2015, she joined the Mechanical Engineering Dept. at the University of Basilicata, (Potenza, ITALY), as Assistant Professor in Machine Design. Classes taught: Machine Design I and II. Lectured at Polytechnic of Bari and University of Lecce on Advanced Optical Techniques for Stress Measurement. Member of organizing committee of ICEM 12th and scientific committee of New trends in Fatigue and Fracture 2005, ICEM 15th, Euromech Colloquium 2012, ICEM 16th, 5-ISEM'2015 and 9-SOI. Chair of the Optical Method Division and Inverse Methods Division of the International Society of Experimental Mechanics (2009-2012). Reviewer for +20 journals. Research areas concern optical methods for deformation measurement (Moiré, Electronic Speckle Pattern Interferometry, Fringe Projection, Digital Image Correlation) and hybrid numerical/experimental methods for inverse mechanical characterization of materials. 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).

PROFESSOR'S OFFICE HOUR:

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