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PROF. KATIA GENOVESE

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SCIENTIFIC CURRICULUM VITAE:

Received M.Sc. *magna cum laude* in Mechanical Engineering at Polytechnic of Bari, Italy, and Ph.D. in Experimental Mechanics at University 'Federico II' in Naples (2002). Worked as researcher at Laser Research Centre, Bari, Italy (1998) and as visiting scholar at Nottingham University, UK (1999), Union College, NY, USA (2005), Centro de Investigaciones en Óptica, Mexico (2006-07, 2011, 2013), Ecole Nationale Supérieure des Mines, France (2008, 2010, 2012), Department of Biomedical Engineering - Texas A&M University, TX, USA (2009), Department of Biomedical Engineering - Yale University, CT, USA (2011, 2012), Department of Biomedical Engineering - University of Arizona, AZ, USA (2012), Benemerita Universidad Autonoma de Puebla, Mexico (2016), Universidade Federal de Santa Catarina, Brazil (2017). From 2002 to 2015, she joined the Mechanical Engineering Dept. at the University of Basilicata (Potenza, Italy), as Assistant Professor in Machine Design. Lectured at Polytechnic of Bari and University of Lecce on Advanced Optical Techniques for Stress Analysis. Member of the organizing committee of ICEM 12<sup>th</sup> and of the scientific committee of New trends in Fatigue and Fracture 2005, ICEM 15<sup>th</sup>, Euromech Colloquium 2012, ICEM 16<sup>th</sup>, 5-ISEM'2015, 9-SOI and I-CILCA 2015. Chair of the Optical Method Division and Inverse Methods Division of the International Society of Experimental Mechanics (SEM) for the period 2009-2012. Reviewer for +20 journals. Authored 38 peer-reviewed journal papers, 2 book chapters 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 numerical/experimental methods for the 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).

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PROFESSOR'S OFFICE HOUR:

Tuesday 12:30-13:30. Office, 5<sup>th</sup> floor or Laboratory, 1<sup>st</sup> floor.

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