

Lucia Faravelli

Short CV

Lucia Faravelli is Full Professor of Structural Safety at the University of Pavia since 1991. She was Full Professor of Strength of Material at the University of Perugia in 1990-91. Before she was Assistant Professor of Strength of Materials, Lecturer on Steel Structures and Associate Professor of Structural Safety.

She served as Dean of the School of Civil Engineering in the period 1995-2001 and she is Faculty member of the Graduate School in Civil Engineering since 1994.

She is member of AIMETA, the Italian Association of Theoretical and Applied Mechanics, and member of the Board of Directors of 1) the European Association for the Control of Structures and 2) ICASP-CERRA. She was serving as Visiting Research, Virginia Polytechnic Institute and Technical University, Blacksburg, Virginia (USA), 1985; Visiting Researcher, Stanford (USA), 1986, with a NSF Award.

She is Editor of the Journal of Structural Control and Health Monitoring and member of the Editorial Board of "Smart Structures and Systems" and International Journal of Reliability and Safety" (IJRS).

She is author and co-author of two books: "Sicurezza Strutturale" (in Italian), Pitagora, Bologna and "Fragility Analysis of Complex Structural Systems", Taunton Press co-author F. Casciati. She is also co-editor of "Shape Memory Alloys: Advances in Modelling and Applications", CIMNE, Barcelona.

She is author or co-author of more than 200 papers on the following topics: structural reliability, stochastic mechanics, structural control, boundary element analysis, earthquake engineering, structural identification and smart materials.

She served as Coordinator of the Human Capital Mobility program of the European Union on Stochastic Mechanics ERBCHXCT940565 (ended in 1997) and of the European Research Foundation (ESF) research program CONVIB on vibration control (2001-2005). She recently organized, as European chairman, 4 ESF-NSF workshops on Smart Structures (2002,2003, 2005 and 2006). She served as member of the scientific committee of international conferences and as expert for the European Union. In addition to several lectures within courses held in Italy, lectures hosted by foreign institutions are also emphasized.