

## F. Auricchio - CV

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After a **Bachelor degree** in Civil Engineering with laude in 1989 obtained at the Università di Napoli (Italy), Ferdinando Auricchio spent five years at the Department of Civil Engineering, University of California at Berkeley (USA), working under the guide of professor R.L. Taylor and J. Lubliner, obtaining a **Master of Science** (M.S.) in 1991 and a **Doctor of Philosophy** (Ph.D.) in 1995, being also a finalist in the 6th Melosh Medal Competition for the “Best student paper on finite-element analysis” (Duke University, USA).

After a three-year period as **Assistant Professor** of Mechanics of Solids at the Department of Civil Engineering, Università di Roma “Tor Vergata” (Italy), in 1998 he moved to the Department of Structural Mechanics, Università di Pavia (Italy) as **Associate Professor** of Mechanics of Solids, obtaining a position as a **Full Professor** in 2001.

At the moment Ferdinando Auricchio is also: Research Associate at the “Institute of Numerical Analysis” (now “Institute for the Applied Mathematics and Information Technologies”) of the National Research Council (CNR), professor at the “European School for Advanced Studies on Seismic Risk Reduction” (Rose School), member of the scientific committee of the “Istituto Universitario di Studi Superiori” (IUSS) of Pavia, member of the advisory board for “International Journal for Numerical Methods in Engineering”, member of the “Lagrange laboratory”.

He has published more than 100 papers, mainly on: **constitutive modeling of innovative materials** (shape-memory materials, self-diagnosing materials, metals under cyclic static and dynamic conditions), **biomechanics** (modeling of non-invasive coronary surgeries), **finite element methods** (development and analysis of finite element methods for Reissner-Mindlin plates, laminates, shells, locking problems in small and large deformation regimes).

Since 2003 Ferdinando Auricchio is serving as Chair for the Department of Structural Mechanics, Università di Pavia.