



Research Organization:

Institute for Advanced Study of Pavia, IUSS, Pavia, Italy

Individual Member:

Gian Michele Calvi, Full Professor Professor, Ph.D.

Short CV:

Gian Michele Calvi is Professor and Director of the Centre for Research and Graduate Studies in Understanding and Managing Extremes (UME) at the University Institute for Advanced Studies (IUSS), Pavia. He is also Adjunct Professor at the North Carolina State University.

He received a Master of Science from the University of California, Berkeley, a PhD from the Politecnico di Milano and a Honorary Doctorate from the University of Cujo, Mendoza, Argentina.

Professor Calvi has been the founder of the Eucentre Foundation and founder and director of the School in Reduction of Seismic Risk (the ROSE School), which originated the UME School; he is one of the Directors of the International Association of Earthquake Engineering.

He is author of more than 300 publications and of two major books: Seismic design and retrofit of bridges (with M.J.N. Priestley and F. Seible, 1996) and Displacement-Based Seismic Design of Structures (with M.J.N. Priestley and M.J. Kowalsky, 2007).

He has been designer, consultant or checker for hundreds of structural projects, among which the Rion-Antirion cable stayed bridge (2883 m, in Greece), the Bolu viaduct (119 spans, in Turkey) and the new housing system after L'Aquila earthquake (2009), with 185 buildings seismically isolated with more than 7,000 devices, completed in about six months. He has been invited keynote speakers in tens of conferences, including two World and three European Conferences on Earthquake Engineering.

The relevance and originality of the Direct Displacement Based Design method, developed in association with M.J.N. Priestley, is best expressed by the incipit of a review by Graham Powell (Emeritus Professor at UC Berkeley): "It is rare for a book on structural engineering design to be revolutionary. I believe that this is such a book. If you are involved in any way with seismic resistant structural design, this should be on your bookshelf, and you should read at least the first three chapters

EUCENTRE FOUNDATION

European Centre for Training and Research in Earthquake Engineering

Via Adolfo Ferrata, 1 - I 27100 Pavia, Italy - Phone (+39) 0382.5169811 - Fax (+39) 0382.529131

E-mail: info@eucentre.it - Website: www.eucentre.it - VAT IT02009180189