

Enrico Spacone received his undergraduate degree cum laude in civil engineering (1987) from the University "La Sapienza" of Roma, and his MS (1990) and PhD (1994) in Civil Engineering from the University of California, Berkeley. From 1987 to 1989 he served as research associate in the department of civil engineering of the Swiss Institute of Technology, Lausanne (EPFL) Switzerland. From 1995 to 2001 he was first Assistant Professor and then tenured Associate Professor at the University of Colorado, Boulder. From 2001 he is Full Professor of structural analysis and structural design at the University "G. D'Annunzio" of Chieti-Pescara. He served for six years in the Academic Senate of the D'Annunzio University and was the founding chair of the Department of Engineering and Geology. His scientific activity deals first with nonlinear modeling and analysis (both static and dynamic) of reinforced concrete, prestressed concrete, steel, steel-concrete structures. Over the years he has developed several nonlinear frame elements (force-based, displacement-based, and mixed) for reinforced concrete, steel and steel-concrete frames. He has also worked on the nonlinear modeling of steel, concrete and bond of steel and FRP reinforcement embedded in concrete. Other interests are the strengthening and rehabilitation of existing structures using advanced composite materials and he has worked in developing algorithms for pseudo-dynamic testing. More recently, he has worked on seismic risk and multi-risk analyses from the single building scale to the urban scale. He has been involved in several experimental campaigns (pseudo-static and dynamic) on masonry and reinforced concrete substructures. In 2025 he was one of the promoters of the first worldwide full scale test on a 3D printed concrete building. He has co-authored about two hundred publications, including around one hundred peer-reviewed papers in international journals. He has taught at the Rose School (Centre for Post-Graduate Training and Research in Earthquake Engineering and Engineering Seismology) of the University of Pavia. He has taught short courses in several universities including the University of Bristol, UK, University College London, UK, and Fuzhou University, China. He has given several invited and keynote lectures at international conferences and at universities worldwide. He has strong connections with several centers of excellence, including the University of Porto, Portugal, the University of Bristol, UK, University College London, UK, the Universidad Politecnica de Catalonia, Barcelona, Spain, Fuzhou University, China, University of California, San Diego, USA, Universidad Catolica de Lima, Perú. Since 1995 he has managed several research programs, first in the USA and currently in Italy. Funding in the USA was provided by the National Science Foundation, NATO, the Colorado Advanced Software Institute and Weidlinger Associates, New York. In Italy he has been responsible of research programs funded by the Italian Ministry for University, the Civil Protection Department and the European Union. He has organized several scientific exchanges, workshops and sessions at international conferences involving European, Australian, Asian and North- and South-American Institutions. He served as Associate Editor for the ASCE Journal of Structural Engineering. He is a member of the scientific committee of international conferences on structural engineering, seismic engineering and structural dynamics.