



**Professor Raffaele Landolfo**

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### **Autobiography:**

Raffaele Landolfo was born in Naples, Italy, on September 18th, 1962. He has been serving as Full Professor of Structural Engineering at the University of Naples “Federico II” since 2003. He graduated cum laude in Civil Engineering at the University of Naples in 1987 where, subsequently, gained a PhD in Structural Engineering (1992). He was Research Assistant at the Engineering Faculty of the University of Naples (from 1995 to 1998), then Associate Professor (from 1998-2000) and Full Professor (from 2000-2003) at the University of Chieti-Pescara “G. D’Annunzio”. He is External Examiner for MSc in Earthquake Engineering and Structural Steel Design at the Imperial College London and he also teaches in several PhD and master courses. He is currently Head of the Department of the Constructions and Mathematical Methods in Architecture at the University of Naples (since 2007) and member of the Academic Senate of the same University (since 2008). He was member of the UNI-SC3 Committee on “Steel and Composite Structures” and he was engaged as expert, in the activities of both national working groups and European Project Teams dealing with the conversion from ENV to EN of the Eurocode 3: Design of Steel Structures (namely PT ENV 1993-1-3, concerning cold-formed thin-walled members and sheeting). Along with that, he collaborated with the CEN-TC 250/SC9 “Aluminium Alloy Structures” Committee as an expert within Project Team 1.1 “Common Rules”, as well as in the working group on “Cold-formed thin-gauge members in aluminium”. He has been serving as Chairman of the Working Group 3 within the European project COST Action C25 “Sustainability of Constructions: Integrated approach to Lifetime Structural Engineering”. He has been scientific coordinator of research units within international such as FP6 “PROHITECH”, RFCS ‘DiSTEEL’, RFCS ‘HSSSERF’, as well as in international teaching activities, such as the Erasmus Mundus Master SUSCOS on ‘Sustainable Constructions under natural hazard and catastrophic events’. Since September 2007, he is chairing the ECCS Technical Committee n.13 on Seismic Design and the National Council of Steel Technicians (since 2012). His research activity involves the participation in several

national and international research projects. He published a book and more than 200 scientific papers, mainly on national and international journals, on topics related to metal structures and seismic design. He is designer of several steel structures including the space structure of Malpensa airport in Milan (in cooperation) and the steel structures of the extension of the Architectural Faculty in Pescara.

**Selected Publications:**

Landolfo, R.; Piluso, V.; Langseth, M.; Hopperstad, O.S. (1999), EC9 provisions for flat internal elements, comparison with experimental results, In: *Lightweight Steel and Aluminium Structures* (Eds. Mäkeläinen, P.; Hassinen, P.), Espoo, Finland

De Matteis G, Landolfo R, Mazzolani FM (2003) Seismic response of MR steel frames with low-yield steel shear panels. *Engineering Structures* 25: 155-168.

Corte G. D., Fiorino L., Landolfo R., De Martino A. Numerical modeling of thin-walled cold-formed steel C-sections in bending, *Proceedings of Fourth International Conference on Coupled Instabilities in Metal Structures // CIMS'04.* — Rome, 2004. — P. 153-162.

Luigi Fiorino, Ornella Iuorio, Vincenzo Macillo, Raffaele Landolfo, “Performance-based design of sheathed CFS buildings in seismic area”, *Special issue of Thin-Walled Structures*, 2012

L. Fiorino, O. Iuorio, R. Landolfo Designing CFS structures: the new school bfs in naples *Thin Wall Struct.*, 78 (2014), pp. 37–47