



Research Organization:

Department of Structures for Engineering and Architecture, University Federico II, Naples, Italy

Individual Member:

Luigi Fiorino, Assistant Professor, Ph.D.

Short CV:

Luigi Fiorino was born in Naples, Italy, on July 30th, 1972. Graduate cum laude in Structural Engineering at University of Naples Federico II (UNINA) in 2000 where, subsequently, he reached a PhD in Structural Engineering (2004). After, he worked as research fellow at UNINA from 2005 to 2014. He is currently assistant professor at UNINA (Department of Structure for Engineering and Architecture).

He is member of national and international commissions for standards development and implementation (CEN/TC 250/SC 9/WG 2, UNI/CT021/SC09).

His research activity is mainly focused on the following fields: structural analysis and design of cold-formed metal members and systems submitted to both monotonic and seismic actions; seismic upgrading of existing RC buildings with composite materials; structural analysis of historic ancient metal constructions; structural analysis of special connection systems for extruded aluminum alloy structures; seismic behavior assessment of non-structural elements.

Engaged in many national and international research projects, he is author of about 130 papers, some of them published on national and international journals.

Regarding the seismic behavior assessment of non-structural elements, the ongoing research activities include experimental investigations on: (a) structural characterization of partition wall and ceiling components; (b) out-of-plane and in-plane response of partition walls; (c) shaking table tests of partition wall and ceiling systems.