SPONSE INTERNATIONAL ASSOCIATION FOR THE SEISMIC PERFORMANCE OF NON-STRUCTURAL ELEMENTS

Research Organization:
Sapienza University, Rome, Italy

Individual Member:
Andrea Lucchini, Ph.D.

Short CV:
Dr. Andrea Lucchini has graduated with honour in Civil Engineering in 2003 at the Sapienza University of Rome, where he also earned a PhD degree in Structural Engineering in 2008. Since 2009 he is a postdoctoral researcher of this university at the Department of Structural Engineering and Geotechnics.
His professional activity started in 2003 and addresses the fields of seismic design of buildings, assessment of reinforced concrete and masonry structures, methods for seismic retrofitting, and design of earthquake protection systems. His research experience covers various fields of earthquake engineering. In particular, his scientific research primarily focuses on: strong ground motion modelling, modelling and analysis of reinforced concrete structures, tuned mass dampers, and analysis of nonstructural components. The research efforts of Dr. Andrea Lucchini have produced new results in the field of earthquake engineering, which have been published in accredited scientific journals and discussed in both national and international conferences. He has taken part to scientific exchanges with Universities in US and China. In 2005, during his PhD studies, he was visiting scholar for 5 months at the University of California at Davis (invited by prof. Sashi Kunnath). At the same University, he worked in 2013 on Seismic and Progressive Collapse Analysis of Building Structures as a post-doctoral researcher supported by a fellowship funded by the National Science Foundation. He has participated in three national research projects on Seismic Assessment of Existing RC Buildings, funded by the Italian Laboratories University Network of Seismic Engineering (ReLUIS) and the Italian National Seismic Survey (DPC). Since 2008 he is member of the fib Working Party 4.4.7, group of researchers and experts of the International Federation for Structural Concrete working on guidelines on the use of Nonlinear Dynamic Analysis for Design and Assessment of RC Structures.