

Research Organization: **Politecnico di Torino, Department of Structural, Geotechnical and Building Engineering**

Individual Research Member: **Marco Domaneschi**

Short Description of the Organization:

Marco Domaneschi received from University of Pavia (I) the MS degree in Civil Engineering in 1998, the post-graduate specialization at the Technical University UPC of Barcelona (E) in 1999-2000 and was PE for special structures design and analysis until 2003. He received the Doctor of Philosophy degree in Structural Engineering in 2006 at University of Pavia. After about ten years as Research Associate and Contract Professor of Structural Mechanics and Structural Design at the Politecnico di Milano (I), he is currently Assistant Professor at the Politecnico di Torino (I).

His research studies include different topics of Earthquake Engineering, such as the seismic mitigation through control systems, seismic isolation, monitoring, resilience, seismic performance and assessment of structural and non-structural components, with essential reference to special structures.

Marco Domaneschi is Member of International Associations as EACS (European Association for the Control of Structures) and IABMAS (International Association for Bridge Maintenance and Safety), Editorial Board Member of Structural Monitoring and Maintenance (Techno-Press) and Bridge Engineering (ICE). He serves as Reviewer more than thirty ISI Journals.

Research activities on the SPONSE topic include: (a) vulnerability assessment of non-structural components in isolated and non-isolated nuclear power plants, (b) models of hysteresis, (c) furniture overturning, d) research and development of non-structural elements (piping), joints and composite materials components.