



Research Organization:

Institute for Advanced Study of Pavia, IUSS, Pavia, Italy

Individual Member:

Ricardo Monteiro, Assistant Professor Professor, Ph.D.

Short CV:

Ricardo Monteiro, Eng., Ph.D., is Assistant Professor at the Institute for Advanced Study of Pavia (IUSS), Italy and affiliated researcher at the European Centre for Training and Research in Earthquake Engineering (EUCENTRE) in Pavia, Italy and at the Institute for R&D in Structures and Construction (CONSTRUCT) at the University of Porto, Portugal. He received his European Ph.D. (2011, Portugal and Italy) degree in civil engineering from the University of Porto after obtaining his 5-year bachelor's degree in civil engineering also at the University of Porto in 2005. After a one-year period as graduate researcher at the Department of Civil Engineering and Architecture at the University of Pavia, he joined the Understanding and Managing Extremes (UME) School at IUSS Pavia in 2011.

Since 2013 he serves as the Deputy Director of the UME Graduate School (formerly ROSE School), where he coordinates three MSc programmes and a PhD programme with four curricula, in the field of natural hazard and human-induced risk, including the organization of courses in seismic assessment of building non-structural elements. His research over the last 10 years has focused mostly on nonlinear methods for the seismic analysis of RC bridges and, more recently, in integrated seismic risk assessment and loss estimation. He is currently coordinating or co-coordinating 5 national and European research projects in Italy and Portugal (total budget over 2M€), which include non-structural components assessment tasks. His scientific achievements are presented in over 40 publications in peer-reviewed journal and conference proceedings.