

Research Organization:

Istituto Universitario di Studi Superiori, Pavia - Italy

Individual Research Member:

Roberto Merino Vela, Ph.D. student

Short CV:

Roberto Merino Vela, MSc, is a Ph.D. student at IUSS Pavia since 2017. He graduated *magna cum laude* from the Universidad San Francisco de Quito, Ecuador (2014) with a B.Eng. in Civil Engineering. He later received his Master's degree in Earthquake Engineering jointly from IUSS and the University of Pavia - Italy (2017). Before starting his Master's studies, he worked as a structural engineer in Quito – Ecuador. Roberto's research, so far, has focused mainly on seismic behavior of non-structural components. His Master's thesis focused on investigating the seismic behavior of a small liquid-storage tank supported on a concentrically braced industrial frame. He now works helping to develop direct displacement-based design for non-structural components. Currently, he focuses on developing a simplified procedure for estimating consistent floor relative displacement and acceleration response spectra. Roberto is also the co-author of three publications concerning seismic response and design of non-structural components.