

Prof. Dr. Maurizio Piazza (Italy)

DICAM - University of Trento
Trento, Italy

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COST FP1402, MC Substitute, WG3 Member



Personal

Years of experience in relevant field: 30
Expertise: Seismic resistant of timber structures
Timber connections
TCC timber concrete composite structures
Degree: PhD (14.03.1978)

Organisation

Department of Civil, Environmental and Mechanical Engineering (<http://pms.dicam.unitn.it/?lang=en>)
Focus: theoretical and practical research / innovation and education /training
Facilities: Please refer to the web page:
http://pms.dicam.unitn.it/?page_id=176

No. of staff	PhD students	MSc/year
3	3	160

Research projects

SERIES Project - Seismic performance of multi-storey timber buildings (2010-2013) - European Framework Program 7. Duration 36 months. People of my organization involved: 7. Webpage: http://www.series.upatras.gr/TIMBER_BUILDINGS
RELUIS Project – Timber structures (2010-2013) - DPC-ReLUIS (National Network of Seismic University). Duration 36 months. People of my organization involved: 7. Webpage: <http://www.reluis.it/index.php?lang=en>
RELUIS Project – Timber structures in earthquake prone areas (2014-2016) - DPC-ReLUIS (National Network of Seismic University). Duration 36 months. People of my organization involved: 6. Webpage: <http://www.reluis.it/index.php?lang=en>

Publications

Piazza M., Tomasi R., Crosatti A., Theoretical and experimental analysis of timber-to-timber joints connected with inclined screws, Construction and Building Materials 24, 9 (2010), pp. 1560–1571
Zonta D., Loss C., Piazza M., Zanon P., Direct Displacement Based Design of glulam timber frame buildings, Journal of Earthquake Engineering, Taylor & Francis, 2010
Andreolli M., Piazza M., Tomasi R., Zandonini R., Ductile moment resistant steel-timber connections, SPECIAL ISSUE IN TIMBER ENGINEERING, Proceedings of the Institution of Civil Engineers - Structures and Buildings, Vol. 164, Issue 2, 2011, p. 65-78, ISSN: 0965-0911
C. Loss, D. Zonta, M. Piazza (2013), On estimating the seismic displacement capacity of timber portal-frames, Journal of Earthquake Engineering, 17:879–901, 2013 (available on line: DOI:10.1080/13632469.2013.779333)
Tomasi R., Sartori T., Casagrande D., Piazza M., Shaking table testing of a full-scale prefabricated three-story timber-frame building, Journal of Earthquake Engineering, 19:505-534, 2015 (on line: DOI: 10.1080/13632469.2014.974291)

