CURRICULUM VITAE ET STUDIORUM

PERSONAL INFORMATION

Name	**MATTEO IZZI**
Nazionality	Italian (first language: Italian, second: English)
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EDUCATION

Ph.D. candidate in Civil Engineering (since January 2014) at the University of Trieste, co-tutored by the CNR IVALSA of San Michele all'Adige. Ph.D. research project entitled '*Mechanical characterization of connections in seismic resistant Cross-Laminated Timber structures*'. Main supervisor: Prof. M. Fragiacomo. Associate supervisor: Dr. A. Polastri.

Master of Science in Civil Engineering at the University of Trieste. Completed on October 24, 2013 with a final mark of 110/110 cum Laude. Thesis entitled '*Smorzatori oleodinamici e dispositivi Targeted Energy Transfer per il controllo passivo delle vibrazioni di stralli*' (in Italian). Main supervisor: Prof. S. Noè. Associate supervisor: Prof. L. Caracoglia.

Bachelor of Science in Civil and Environmental Engineering at the University of Trieste. Completed on December 16, 2010 with a final mark of 107/110. Thesis entitled '*Analisi dell'interazione tra il terreno e le strutture di supporto delle barriere di sicurezza nel caso di rilevati stradali*' (in Italian). Supervisor: Prof. G. Ossich.

High School Diploma at the Liceo Scientifico M. Buonarroti in Monfalcone. Completed on July 2007 with a final mark of 95/100.

RESEARCH EXPERIENCES

Research fellow. CNR IVALSA Trees and Timber Institute, San Michele all'Adige, Italy, January 2017 - present.

Research associate. CNR IVALSA Trees and Timber Institute, San Michele all'Adige, Italy, October 2015 - December 2016.

Short Term Scientific Mission. Institute of Timber Engineering and Wood Technology, Graz University of Technology, Graz, Austria. Host: Prof. G. Schickhofer. STSM financially supported by the COST Action FP1402, March 2015 - May 2015.

Short Term Scientific Mission. Institute of Timber Engineering and Wood Technology, Graz University of Technology, Graz, Austria. Host: Prof. G. Schickhofer. STSM financially supported by the COST Action FP1004, November 2014 - January 2015.

PUBLICATIONS

(The name of the undersigned is underlined; the name of the corresponding author is *in italic and with an asterisk**)

International journals

*Izzi M**, Flatscher G, Fragiacomo M, Schickhofer G (2016) Experimental investigations and design provisions of steel-to-timber joints with annular-ringed shank nails for Cross-Laminated Timber structures. *Construction and Building Materials*, **122**: 446-457, doi: 10.1016/j.conbuildmat.2016.06.072.

Izzi M, *Caracoglia L**, Noè S (2016) Investigating the use of Targeted-Energy-Transfer devices for stay-cable vibration mitigation. *Structural Control and Health Monitoring*, **23**(2): 315-332, doi: 10.1002/stc.1772.

*Bedon C**, Rinaldin G, Izzi M, Fragiacomo M, Amadio C (2015) Assessment of the structural stability of *Blockhaus* timber walls under in-plane compression via full-scale buckling experiments. *Construction and Building Materials*, **78**: 474-490, doi: 10.1016/j.conbuildmat.2015.01.049.

International conferences

*Izzi M**, Rinaldin G, Fragiacomo M, Polastri A (2016) Numerical modelling of steel-to-timber joints and connectors for CLT structures. *World Conference on Timber Engineering (WCTE)*, Vienna, Austria.

*Izzi M**, Polastri A, Fragiacomo M (2016) Advanced modelling of CLT wall systems for earthquake resistant timber structures. *3rd International Network on Timber Engineering Research (INTER) Meeting*, Graz, Austria, Paper 49-15-6.

*Bedon C**, Rinaldin G, Izzi M, Fragiacomo M (2016) *q*-factor Estimation for Timber *Blockhaus* Buildings. *3rd International Network on Timber Engineering Research (INTER) Meeting*, Graz, Austria, Paper 49-15-8.

*Izzi M**, Caracoglia L, Noè S (2014) Stay-cable vibration mitigation using nonlinear Targeted-Energy-Transfer devices: A parametric study. *Symposium on the Dynamics and Aerodynamics of Cables (SDAC)*, Copenhagen, Denmark.

National conferences

Crisman D, Izzi M, Noè S, *Caracoglia L** (2016) Pressure coefficients for evaluating wind loads on large roofs: Comparison between Database-Assisted Design and Italian standards. *14th Conference of the Italian National Association for Wind Engineering (IN-VENTO)*, Terni, Italy.

*Izzi M**, Flatscher G, Rinaldin G, Fragiacomo M, Schickhofer G (2015) Experimental tests on annular ringed shank nails for seismic resistant Cross-Laminated Timber (CLT) structures. *16th Conference of the Italian National Association of Earthquake Engineering (ANIDIS)*, L'Aquila, Italy.

Izzi M, Caracoglia L, *Noè S** (2014) Targeted-Energy-Transfer devices for stay-cable vibration mitigation. *13th Conference of the Italian National Association for Wind Engineering (IN-VENTO)*, Genova, Italy.

San Michele all'Adige, Italy, January 26, 2017