

Dr. Simone Rossi (Italy)  
 University of Trento  
 Trento, Italy  
 simone.rossi1@unitn.it  
 COST FP1402, STSM Candidate



<i>Personal</i>	<i>Organisation</i>		
Years of experience in relevant field: 3 Expertise: - modelling timber structures; - seismic behaviour timber multi-storey buildings; - behaviour of timber connections  Degree: PhD (22.12.2015)	Dpt. Civil, Environmental and Mechanical engineering -UNITN- ( <a href="http://web.unitn.it/dicam/28168/timber-struct">http://web.unitn.it/dicam/28168/timber-struct</a> )  Focus: theoretical and practical research / innovation, design of structures and education/training. Facilities: - testing lab; climate room; testing equipment;		
	No. of staff	PhD students	MSc/year
	7	2	80
<i>Research projects</i>			
Title: Series, Seismic Engineering Research Infrastructure for European Synergies Duration: 4 years (2009-2013) People involved: 6 from the timber research group Trento Webpage: <a href="http://www.series.upatras.gr/">http://www.series.upatras.gr/</a>  Title: RELUIS, Laboratories University Network of seismic engineering (ReLUIS) Duration: 4 years 2014-2018 People involved: 6 from the timber research group Trento Webpage: <a href="http://www.reluis.it/index.php?lang=en">http://www.reluis.it/index.php?lang=en</a>			
<i>Publications</i>			
-Grossi, Paolo; Sartori, Tiziano; Giongo, Ivan; Tomasi, Roberto, "Analysis of timber log-house construction system via experimental testing and analytical modelling" in CONSTRUCTION AND BUILDING MATERIALS, v. 102, (2016), p. 1127-1144. - DOI: 10.1016/j.conbuildmat.2015.10.067 -Sebastian, W.M; Mudie, J.; Cox, G.; Piazza, M.; Tomasi, R.; Giongo, I., "Insight into mechanics of externally indeterminate hardwood-concrete composite beams" in CONSTRUCTION AND BUILDING MATERIALS, v. 102, (2016), p. 1029-1048. - DOI: 10.1016/j.conbuildmat.2015.10.015 -Daniele Casagrande; Simone Rossi; Tiziano Sartori; Roberto Tomasi, "Proposal of an analytical procedure and a simplified numerical model for elastic response of single-storey timber shear-walls" in CONSTRUCTION AND BUILDING MATERIALS, v. 2015, (2015). - URL: <a href="http://www.sciencedirect.com/science/article/pii/S0950061815000021">http://www.sciencedirect.com/science/article/pii/S0950061815000021</a> . - DOI: 10.1016/j.conbuildmat.2014.12.114 -Rossi, Simone; Casagrande, Daniele; Tomasi, Roberto; Piazza, Maurizio, "Seismic elastic analysis of light timber-frame multi-storey buildings: proposal of an iterative approach" in CONSTRUCTION AND BUILDING MATERIALS, v. 2015, (2015). - DOI: DOI:10.1016/j.conbuildmat.2015.09.037			

