

Dr. Boris Azinovic (**Slovenia**)

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COST FP1402, STSM Candidate



Personal

Years of experience in relevant field: 1
Expertise: Numerical modelling of timber structures, experimental investigation of connections in timber structures, seismic design and numerical assesment of earthquake resistant buildings, design of timber structures.

Degree: PhD (11.07.2016)

Organisation

Department of structures (<http://www.zag.si/en/>)

Focus: theoretical and practical research / innovation and certification of construction products

Facilities:

14 x 26 m testing floor with a load-carrying capacity of 1000 kN/m², 6 x 7m reaction wall with a load-carrying capacity of 1000 kN/m², ZWICK universal static testing machine with a capacity of 2500kN, GOM Aramis 5M optical measurement system...

No. of staff	PhD students	MSc/year
5	0	0

Research projects

1. Innovative connections for CLT buildings, 1.4.2017-1.4.2020, people involved: 3, <https://innorenew.eu/project/innovative-connections-for-clt-buildings/>

2. Sustainable and innovative construction for smart buildings ("TIGR4smart"), 1.9.2016- 28.2.2019, people involved: 8,

<https://www.researchgate.net/project/TIGR4smart-Sustainable-and-innovative-construction-for-smart-buildings>

3. Strength grading of timber structural elements, 2008-2011 (national project)

4. COST Action FP1004: »Enhance mechanical properties of timber, engineered wood products and timber structures«, 2010-2015.

5. COST Action FP1101: »Assessment, Reinforcement and Monitoring of Timber Structures« 2010-2015.

Publications

1. PAZLAR, Tomaž, KRAMAR, Miha. Traditional timber structures in extreme weather conditions. International journal of architectural heritage: conservation, analysis and restoration, 2015. Online: <http://www.tandfonline.com/doi/full/10.1080/15583058.2015.1041195>, DOI: 10.1080/15583058.2015.1041195.

2. SEIM, Werner, KRAMAR, Miha, PAZLAR, Tomaž, VOGT, Tobias. OSB and GFB as sheathing materials for timber-framed shear walls: comparative study of seismic resistance. Journal of structural engineering, 2015. Online: [http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)ST.1943-541X.0001293](http://ascelibrary.org/doi/abs/10.1061/(ASCE)ST.1943-541X.0001293), DOI: 10.1061/(ASCE)ST.1943-541X.0001293.

3. PAZLAR, Tomaž. Timber Roof Structures in Extreme Weather Conditions. Advanced materials research, 2013, Vol. 778, 1080-1087. Online: <http://www.scientific.net/AMR.778.1080>, DOI: 10.4028/www.scientific.net/AMR.778.1080.

