Prof. Dr. **Tomaž Hozjan (Slovenia)**
University of Ljubljana, Faculty of Civil and Geodetic Eng.
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COST FP1402, MC Substitute Member, WG3 Member

Personal	*Organisation*		
Years of experience in relevant field: 10 Expertise: modeling of heat and mass transfer, mechanical response modelling, modeling of composite structures. Degree: PhD (12.03.2009)	Chair of Mechanics (http://www3.fgg.uni-lj.si/en/) Focus: theoretical and practical research / innovation, design of structures and education/training. Facilities: testing lab for structures including horizontal response		
	No. of staff	PhD students	MSc/year
	6	5	40

Research projects

EU Hardwoods, European hardwoods for the building sector, 2014-2016, FCBA and SIMONIN SAS (FRA), HFA, BFW and FHO (AUT), MPA and FVA (GER), CBD and UL (SLO), http://km.fgg.uni-lj.si/hardwood/index.html

PAST:

Gradewood, Grading of timber for engineered wood products, 2008-2010, VTT(FIN), BRE (UK),FCBA F(FRA),TUM (GER), SP (SWE), HFA andTUF (AUT), UL (SLO).

Classification of timber structural elements by the strength (applied research project), 2009-2012, Slovenian project together with Slovenian National Building and Civil Engineering Institute and Biotechincal Faculty.

Methods of classification of timber by strength (applied research project), 2004-2007, Slovenian project together with Slovenian National Building and Civil Engineering Institute and Biotechincal Faculty.

Glulam timber beams in natural environment (applied research project), 2001-2004, Slovenian project together with Slovenian National Building and Civil Engineering Institute.

Publications

WG2:

HOZJAN, Tomaž, SVENSSON, Staffan. Theoretical analysis of moisture transport in wood as an open porous hygroscopic material. Holzforschung, ISSN 0018-3830. 2011, 65(1), pp. 97-102, doi: 10.1515/HF.2010.122.

SVENSSON, Staffan, TURK, Goran, HOZJAN, Tomaž. Predicting moisture state of timber members in a continuously varying climate. Engineering structures, 2011, 33(11), pp. 3064-3070, doi: 10.1016/j.engstruct.2011.04.029.

WG4:

HOZJAN, Tomaž, SAJE, Miran, SRPČIČ, Stane, PLANINC, Igor. Geometrically and materially non-linear analysis of planar composite structures with an interlayer slip. Computers & Structures, 2013, 114-115, pp. 1-17, ilustr., doi: 10.1016/j.compstruc.2012.09.012.

SCHNABL, Simon, PLANINC, Igor, TURK, Goran. Buckling loads of two-layer composite columns with interlayer slip and stochastic material properties. Journal of engineering mechanics, 2013, 139, 8, pp. 1124-1132, doi: 10.1061/(ASCE)EM.1943-7889.0000478.

WG1:

TORATTI, Tomi, SCHNABL, Simon, TURK, Goran. Reliability analysis of a glulam beam. Structural safety, 2007, 29(4), pp. 279-293, doi: 10.1016/j.strusafe.2006.07.011.