

Prof. Dr. Reinhard BRANDNER (Austria)

Graz University of Technology (TU Graz)  
Graz, Austria

[reinhard.brandner\(at\)tugraz.at](mailto:reinhard.brandner(at)tugraz.at)

COST FP1402, MC Member, WG2 Leader



<i>Personal</i>	<i>Organisation</i>		
Years of experience in relevant field: 9 Expertise: Timber Engineering , Wood technology, joints & fasteners, timber product modelling, probabilistic approaches, applied statistics, system modelling & effects Degree: PhD. (27.6.2012)	Institute of Timber Engineering and Wood Technology ( <a href="http://www.lignum.at">www.lignum.at</a> , <a href="http://www.tugraz.at">www.tugraz.at</a> ) Focus: theoretical and practical research/ innovation, design of structures and education / training) Facilities: own testing facilities (universal testing facility for max. 275 kN, tensile testing facility for max. 750 kN), climate chambers, joinery, etc.; access to testing facilities of institutions within the Building Technology Centre at TU Graz and to other facilities of TU Graz as well		
	No. of staff	PhD students	MSc/year
	7	4	10
<i>Research projects</i>			
COMET K-Project 'timber.engineering', 01/2008-12/2012, mainly staff of the competence centre holz.bau forschung gmbh and of the institute, <a href="http://www.holzbauforschung.at">www.holzbauforschung.at</a> COMET K-Project 'focus_sts', 01/2013-12/2016, mainly staff of the competence centre holz.bau forschung gmbh and of the institute, <a href="http://www.holzbauforschung.at">www.holzbauforschung.at</a> European Framework Programme 7 'Seismic Engineering Research Infrastructures for European Synergies (SERIES)', part Cross Laminated Timber, 07/2011-02/2013, Georg Flatscher, Andreas Ringhofer, Gerhard Schickhofer, <a href="http://www.series.upatras.gr/TIMBER_BUILDINGS">www.series.upatras.gr/TIMBER_BUILDINGS</a> FFG BRIDGE Project 'SCREWS', 03/2010-12/2012, Gernot Pirnbacher, Andreas Ringhofer, Gerhard Schickhofer			
<i>Publications</i>			
Bogensperger, T., Fitz, M., Hamm, P., Schickhofer, G. 2010, 'Untersuchungen des Schwingungsverhaltens von Deckensystemen aus Brettsperrholz (BSP)', Der Bauingenieur, Vol. 85, pp. 45 - 52. Brandner, R. 2013, 'Stochastic System Actions and Effects in Engineered Timber Products and Structures', Verlag der Technischen Universität Graz, ISBN 978-3-85125-263-7. Brandner, R., Schickhofer, G. 2014, 'Properties of Cross Laminated Timber (CLT) in Compression Perpendicular to Grain', 1st INTER-Meeting, INTER/47-12-5, Bath, UK. Harris, R., Ringhofer, A., Schickhofer, G. 2013, 'Focus Solid Timber Solutions - European Conference on Cross Laminated Timber (CLT)', The University of Bath, ISBN 978-1-85790-181-8. Jöbstl, R.A., Moosbrugger, T., Bogensperger, T., Schickhofer, G. 2006, 'A Contribution to the Design and System Effect of Cross Laminated Timber (CLT)', CIB-W18/39-12-4, Florenz, Italy. Hübner, U. 2014, 'Mechanische Kenngrößen von Buchen-, Eschen- und Robinienholz für lastabtragende Bauteile', Verlag der Technischen Universität Graz, ISBN 978-3-85125-314-6. Schickhofer, G., Bogensperger, T., Moosbrugger, T. (eds.) 2010, 'BSPhandbuch: Holz-Massivbauweise in Brettsperrholz - Nachweise auf Basis des neuen europäischen Normenkonzepts', Verlag der Technischen Universität Graz, ISBN 978-3-85125-109-8. Schickhofer, G. 2013, 'Starrer und nachgiebiger Verbund bei geschichteten, flächenhaften Holzstrukturen', Verlag der Technischen Universität Graz, ISBN 978-3-85125-262-0.			

