

Prof. Dr. Thierry Descamps (Belgium)

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COST FP1402, MC Member, STSM Manager, WG3 Member



<i>Personal</i>	<i>Organisation</i>		
Years of experience in relevant field: 11 Expertise: Old carpentry connections, glued-in rods, modelling, semi-rigidity, optimization. Degree: PhD (01.03.2008)	Civil engineering and Structural Mechanics (www.umons.ac.be) Focus: theoretical and practical research / innovation, design of structures and education / training Facilities: FE softwares		
	No. of staff	PhD students	MSc/year
	3	2	6
<i>Research projects</i>			
Development of a new "Structural Insulated Panel" made of CLT panels, biobased insulation and connected by self-tapping screws.			
Modelling of glued-in rods connections under axial and shear solicitations			
<i>Publications</i>			
Aira José-Ramon, Descamps Thierry, VanParys Laurent, Leoskool Laurent, (2015). "Study of stress distribution and stress concentration factor in notched wood pieces with cohesive surfaces" in European Journal of Wood and Wood Products, (DOI) 10.1007/s00107-015-0891-3			
Léoskool Laurent, Serrano Erik, Descamps Thierry, Avez Coralie (2014). "Cross-laminated timber: modelling of connections using self-tapping screws". European Journal of Wood and Wood Products.			
Bléron Laurent, Lathuillière Damien, Descamps Thierry, (2014). "Reinforcement of dowelled-type connections". To be published in Construction and Building materials. 16 pages.			
Branco Jorge, Descamps Thierry (2014). "Design and reinforcement of old carpentry connections". To be published in Construction and Building materials. 18 pages.			

