Ms. Katrin Kudla (Germany)
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COST FP1402, WG4 Member, STSM Candidate

Personal	*Organisation*		
Years of experience in relevant field: 4 Expertise: Timber-concrete composite structures with notched connections Degree: Dipl.-Ing.(10.02.2011)	Institute of Structural Design (http://www.uni-stuttgart.de/ke/) Focus: practical research / innovation and education/training. Facilities: testing labs		
	No. of staff	PhD students	MSc/year
	3	2	25

Research projects

Entwicklung einer Schwerlast-Holz-Beton-Verbunddecke mit Bemessungsgrundlage (Development of a timber-concrete composite floor for heavy loads including design method), since 01.01.2014, PIRMIN JUNG Deutschland GmbH, Katrin Kudla & Ulrike Kuhlmann

Vereinfachter Ermüdungsnachweis von Holzbauteilen in Holz- und Holz-Beton-Verbundstraßenbrücken (Simplified Fatigue Verification of Timber Members in Timber and Timber-Concrete Composite Road Bridges), 01.06.2012 - 30.11.2014, Katrin Kudla & Ulrike Kuhlmann

Ermüdungsfestigkeit von Holz-Beton-Verbundträgern im Straßenbrückenbau (Fatigue strength of timber-concrete composite beams for road bridges), 01.12.2006 - 31.08.2009, Pietro Aldi & Ulrike Kuhlmann

Schubübertragung in Brettstapel-Beton-Verbunddecken ohne mechanische Verbindungsmittel zur Abhebesicherung (Transferring shear forces in timber-concrete composite floors without using mechanical fasteners), 01.02.2006 - 31.10.2007, Pietro Aldi & Ulrike Kuhlmann

Publications

Kudla, K.; Kuhlmann, U.: Simplified Fatigue Design of Typical Timber-Concrete Composite Road Bridges. In: Proceedings of INTER, 2015. Sibenik (Croatia), 24. - 27. August 2015.

Stephan, K.; Kuhlmann, U.: Determination of damage equivalent factors for the fatigue design of timber-concrete composite road bridges with notched connections. In: Proceedings of WCTE (World Conference on Timber Engineering), 2014. Québec (Canada), 10. – 14. August 2014.

Kuhlmann, U.; Stephan, K.; Aldi, P.: Simplified fatigue verification for timber-concrete composite bridges considering notched connections. In: Proceedings of IABMAS (International Association for Bridge Maintenance and Safety), 2012, ISBN 978-0-415-62124-3. Stresa, Lago Maggiore (Italy), 08. – 12. July 2012.