

**Prof. Richard Harris (United Kingdom)**

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COST FP1402, MC Member, Dissemination/Practical application,  
WG 4 Member



<i>Personal</i>	<i>Organisation</i>		
Years of experience in relevant field: 40 Expertise: Timber engineering design, Tall timber buildings, Timber-concrete composites, Connections Degree: BSc (01.07.1972)	The University of Bath ( <a href="http://www.bath.ac.uk/ace/people/harris/">http://www.bath.ac.uk/ace/people/harris/</a> ) Focus: theoretical and practical research / innovation, and education and training Facilities: Small structural engineering lab, various facilities in other departments		
	No. of staff	PhD students	MSc/year
	4	7	90

*Research projects*

Serviceability of Tall Timber Buildings under Wind Load, three plus one year, Thomas Reynolds, Wen-Shao Chang, Richard Harris

Fire and structural performance of non-metallic timber connections, 3 years, Daniel Brandon, Peter Walker, Martin Ansell, Richard Harris

Thin Topping Timber-Concrete Composite Floors, 3 years, Jonathan Skinner, Peter Walker, Martin Ansell, Richard Harris

Structural Dynamics, Ongoing PhD projects, Haoyu Huang, Wen-Shao Chang, Richard Harris

Drying Effects in Flooded Timber Structures, 3 years, Alistair Bradley, Wen-Shao Chang, Richard Harris

*Publications*

Reynolds, T., Harris, R., Chang, W.-S., Bregulla, J. and Bawcombe, J., 2015. Forthcoming. Output-only modal analysis of a multi-storey cross-laminated timber building. Proceedings of the Institution of Civil Engineers: Construction Materials:

Bradley, A., Chang, W.-S. and Harris, R., 2015. Forthcoming. The effect of drying on timber frame connections post flooding. Proceedings of the Institution of Civil Engineers: Construction Materials:

Skinner, J., Bregulla, J., Harris, R., Paine, K. and Walker, P., 2014. Screw connectors for thin topping, timber-concrete composites. Materials and Structures, 47 (11), pp. 1891-1899.

Reynolds, T., Harris, R. and Chang, W., 2014. Nonlinear pre-yield modal properties of timber structures with large-diameter steel dowel connections. Engineering Structures, 76, pp. 235-244.

