

Dr. Elizabeth Shotton (Ireland)

University College Dublin

Dublin, Ireland

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COST FP1402, MC Member, WG2 Member

*Personal*

Years of experience in relevant field: 20
 Expertise: Architecture, Design CLT detail junctions

Degree: PhD. (01.06.2013)

Organisation

Architecture
 (<http://www.ucd.ie/eacollege/architecture/>)
 Focus: theoretical and practical research / innovation, education / training and history of construction technology
 Facilities: Wood working shop. Structural testing

No. of staff	PhD students	MSc/year
6	0	75

Research projects

1. CASWOOD Economic and Environmental Mapping of Cascade Use of Wood 2014-2016

The project is conducted in conjunction with the Department of Life Sciences, University of Limerick, Ireland.

2. SECA WoodWeld 2010-13

Collaborative research project between School of Architecture, School of Civil, Structural and Environmental Engineering and School of Mechanical Engineering at UCD; École Nationale Supérieure Des Technologies et Industries Du Bois, Université Henri Poincaré, France.

Publications

O'Lionsigh, C., Oudjene, M., Shotton, E., Pizzi, A. and Fanning, P.J. Mechanical behaviour and 3D stress analysis of multi-layered wooden beams made with welded through wood dowels. *Composite Structures*. 2012.

O'Loinsigh, C., Oudjene, M., Ait-Aider, H., Fanning, P., Pizzi, A., Shotton, E., Meghlat, E.M. Experimental Study of Timber-to-Timber Composite Beam Using Welded-Through Wood Dowels. *Construction and Building Materials*. 2012.

