

Dr. Vladimir Rodriguez Trujillo (Spain)

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Barcelona, Spain

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COST FP1402, MC Member, WG1 Member



Personal

Years of experience in relevant field: 10
Expertise: Timber construction, Numerical simulation of the thermal behaviour of wooden building, CLT architectural design
Degree: PhD (2010)

Organisation

Architectural Innovation and Technology Laboratory - LITA (<https://lita.upc.edu/en>)
Focus: theoretical and practical research / innovation, and education/training.
Facilities: CAD software, computers, studies rooms, building for testing in real scale.

No. of staff	PhD students	MSc/year
12	5	15

Research projects

Title:

Cross-Laminated Timber: Demand, Supply and Research

Duration:

2015-2016

People involved:

4 people from 3 different institutions

- Architectural Innovation and Technology Laboratory - LITA, Barcelona Tech. Barcelona, Spain
- Forest Products Management Development Institute Chair
Bioproducts and Biosystems Engineering Department, University of Minnesota. St. Paul, USA
- Department of Sustainable Biomaterials, Virginia Tech, USA

Publications

WG2

Leoskool L., Rodriguez V., Descamps T., Van Parys L., 2014. Cross-laminated timber: Towards a consistent Structural Insulated Panel for Passive Buildings in Belgium. In: USB Proceedings of the WCTE 2014 World Conference on Timber Engineering. Quebec City.

Espinoza O., Rodriguez V., Buelmann U., Laguarda M. F. 2015. Cross-Laminated Timber: Status and Research Needs in Europe. Bioresources Journal (under review - August 2015)

Espinoza O., Buelmann U., Laguarda M. F., Rodriguez V. 2015. Research Needs of Cross Laminated Timber in North America (not yet published)

