## Clément BOUDAUD

Docteur de l'Université de Grenoble

**Revues à comité de lecture**

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[1] C. Boudaud, J. Baroth, L. Daudeville. *Influence of joint strength variability in timber-frame structures: propagation of uncertainty through shear wall finite element models under seismic loading*, Canadian Journal of Civil Engineering 43, p609-618, 2016

[2] C. Boudaud, J. Humbert, J. Baroth, S. Hameury, L. Daudeville. *Multi-scale modelling of wood shear walls. II: Validation under seismic loading*, Engineering Structures 101, p743-749, 2015

[3] J. Humbert, C. Boudaud, J. Baroth, S. Hameury, L. Daudeville. *Multi-scale modelling of wood shear walls. I: Calibration and validation under quasi-static reversed-cyclic loading*, Engineering Structures 65, p52-61, 2014

**Conférences**

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[4] E. Sorin, F. Lanata, C. Boudaud. *Behaviour of timber structures in variable environment through long-term monitoring*, World Conference on Timber Engineering, Vienna, 2016

[5] C. Boudaud, L. Davenne, J. Baroth, L. Daudeville. *Multi-scale modelling of timber-frame structures under seismic loading*, World Conference on Timber Engineering, Quebec, 2014

[6] P.E. Charbonnel, J. Baroth, C. Boudaud, L. Daudeville. *Experimental and numerical assessment of the seismic performance of full-scale timber house*, World Conference on Structural Control and Monitoring, Barcelona, 2014

[7] C. Boudaud, J. Baroth and L. Daudeville. *Multi-scale modelling of timber-frame structures*, APCOM & ISCM, Singapore, 2013

[8] C. Boudaud, L. Daudeville, J. Baroth, S. Hameury. *Multi-scale modelling of timber-frame structures under seismic loads*, XII International Conference on Computational Plasticity, Barcelona, 2013

[9] J. Humbert, C. Boudaud, J. Baroth, L. Daudeville. *Predictive models for panel-sheathed shear walls under seismic loadings*, Proceedings of Korean Society of Wood Science and Technology annual meeting, Seoul, 2012

[10] C. Boudaud, S. Hameury, C. Faye, L. Daudeville. *European seismic design of shear walls: Experimental and numerical tests and observations*, World Conference on Timber Engineering, Riva del Garda, 2010

**Colloques**

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[11] L. Davenne, J. Humbert, C. Faye, C. Boudaud, J. Baroth, P. Garcia, JC. Duccini, M. Yasumura, L. Daudeville, G. de Zutter, P. Rivillon. *Comportement dynamique des toitures en charpentes*

*industrialisées en bois – Couplage modélisation/expérimentation*, 8ème Colloque National de l'Association Française du génie Parasismique, 2011

**Doctorat**

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C. Boudaud. *Analyse de la vulnérabilité sismique des structures à ossature en bois : Essais expérimentaux, Modélisation numérique, Calculs parasismiques*, Ecole Doctorale IMEP-2, Université de Grenoble, 2012