

**Prof. Dr. Frank Lam (Canada)**

University of British Columbia  
Vancouver BC, Canada

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COST FP1402, IPC Member, MC Observer, WG1 Member



*Personal*

Years of experience in relevant field: 30  
Expertise: Modeling of engineered wood products and systems

Degree: PhD. (27.11.1992)

*Organisation*

Wood Science (<http://team.forestry.ubc.ca/>)  
Focus: theoretical and practical research /innovation, education /training  
Facilities: IAS Accrediated Structural test laboratory

No. of staff	PhD students	MSc/year
10	5	2

*Research projects*

Strategic Network on Innovative Wood Products and Building Systems 2010-2015  
Performance of connections in heavy timber construction 2011-2014  
Performance of Canadian Glulam 2009-2012  
Reliability of Timber Structural System under Seismic Loading 2007-2012

*Publications*

Li Z., M. He, M. Li, F. Lam (2014) Damage assessment and performance-based seismic design of timber-steel hybrid shear wall systems. Earthquakes and Structures. 7(1):101-118.  
Chen Y., F. Lam. (2013). Bending performance of box based cross laminated timber systems. Journal of Structural Engineering. ASCE. 139(12) 04013006-1-12.  
Li M., F. Lam, B.J. Yeh, T. Skaggs, D. Rammer, J. Wacker. (2012). Modeling force transfer around openings in wood-frame shear walls. Journal of Structural Engineering. ASCE. 138(12):1419-1426.  
Song X., F. Lam. (2012). Stability analysis of metal-plate-connected wood truss assemblies. Journal of Structural Engineering. ASCE. 138(9):1110-1119

