



Structural Design of Commercial Timber Buildings

WoodSolutions Seminar



This free seminar will explore how new engineered timber systems can be used today for multi-residential, commercial and public building applications. Come and hear industry experts discuss different aspects of structural design of multi-residential, commercial and public building applications such as post-tensioned timber gravity frames, fire design, diaphragm design and floor design.

The seminar is a must for design and building professionals specifying, using and approving timber in commercial building applications including structural engineers, building designers, architects, builders, building certifiers, university lecturers and other professionals.

PROGRAMME

Post-tensioned Gravity Frames and Post-tensioned walls
Dr Tobias Smith- General Manager, PreStressed Timber Ltd.

Design of Diaphragms in Timber Buildings
Mr Daniel Moroder- Structural Engineer, PreStressed Timber Ltd.

Fire Design of Commercial Timber Buildings
Dr James O'Neill- Fire Engineer, Holmes Fire

WoodSolutions & Update-Timber Floors for commercial Buildings
Dr Fred Moshiri, Structural Engineer, WoodSolutions

Brought to you by:



DATE Wednesday
4th November

VENUE University of Technology Sydney (UTS)
15 Broadway, Ultimo NSW 2007
Building 2 Level 4 Room 29

TIME 3.00pm- 6.00pm

CPD
Certificates of attendance supplied. Formal CPD points available for architects.

COST
There is no cost for design or building professionals and students.

ABOUT OUR SPEAKERS



Tobias Smith- *General Manager, PreStressed Timber Ltd.*

Dr Tobias Smith is a structural engineer specialising in innovative and traditional timber structures. He received a bachelor's degree in Civil engineering in 2006 and a master's degree in structural engineering from the University of Canterbury in 2008. Following this he travelled to Italy to complete a doctorate in collaboration with the University of Basilicata, Potenza. Tobias is now the General Manager of PTL, a structural consulting firm specialising in timber buildings, utilising his background in the understanding the time and costs involved in the implementation of innovative and traditional timber technologies.



Daniel Moroder- *Structural Engineer, PreStressed Timber Ltd.*

Daniel Moroder received his structural engineering degree from the University of Bologna. During his studies he spent research periods at the University of California at San Diego and the Universidad de Chile where he specialised in seismic engineering. Daniel's expertise in timber engineering derives from 5 years of work experience in one of Europe's largest timber engineering firms where he was in charge of the design and execution of large scale timber projects. His expertise was further matured with a shortly to be completed PhD in timber engineering and seismic design at the University of Canterbury.



James O'Neill- *Fire Engineer, Holmes Fire*

James has a Bachelor degree in Civil Engineering, a Masters of Fire Engineering and a PhD in Fire Engineering from the University of Canterbury in New Zealand. James has been involved in a multitude of projects across a range of market sectors throughout Australia. His specific field of expertise is structural fire engineering, and he has conducted non-linear finite element analysis on projects throughout Australia, the United States and New Zealand. James has a strong grounding in the behaviour of structural timber assemblies in fire, with numerous publications to his name, in addition to the co-authorship of design guidelines and conducting a large portfolio of furnace testing on full scale timber floor assemblies for multi-storey applications.



Fred Moshiri- *WoodSolutions*

WoodSolutions is an Australian timber industry campaign to assist design and building professionals specify and build with timber products. Fred is a qualified trainer and experienced presenter on timber engineering. He received his PhD from UTS in 2014 and joined TDA as structural engineer. He is a branch member of civil structural panel of Engineers Australia and has been actively involved in research on timber engineering.

REGISTRATION

Date & Time: Wednesday 4 November 2015 (3.00 – 6.00 pm)

Venue: University of Technology Sydney Building 2 Level 4 Room 29

Name: **Profession:**

Company:

Address:

Telephone: **Email:**.....

Please complete this registration and scan and email to rhunter@tdansw.asn.au
(Ph: 02 8920 0446 for further info.)

