SESOC

NEW ZEALAND TIMBER DESIGN SOCIETY

Seminar Series

2023

ENGINEERED TIMBER PRODUCTS

For use in Commercial, multi-residential and industrial buildings

QUEENSTOWN	CHRISTCHURCH	NELSON	WELLINGTON	HAMILTON	AUCKLAND
14 MARCH	15 MARCH	17 MARCH	20 MARCH	22 MARCH	23 MARCH

Why you and your employees should attend this seminar?

Timber is increasingly being used as the main structural system for commercial, multi-residential and industrial buildings. The main drivers behind this change are the availability of reliable, economic and pre fabricated engineered timber components suitable for this scale of construction. There is also an increasing focus on offsetting carbon emissions, which timber products achieve by storing carbon in the form of cellulose as they grow.

The structural design phase of a building has the biggest influence on cost of manufacture and construction that is within the control of the construction industry.

Seminar coverage

This seminar will cover the basics of three engineered timber products; Glulam, LVL and CLT, connection detailing (NS 3603 and NZS 3604) and installation, pre-fabrication, co-ordination modelling, designing for construction, site inspections and dealing with moisture on site. We will discuss the most suitable applications for each product, how to develop a cost effective design and lesson learnt from past mistakes.

Other benefits

The presenters will introduce the Timber Design Society and also discuss a series of recently developed timber design guides. Local guest speakers will present recent case studies.

Who should attend

This seminar series is suitable of engineers at all experience levels. Junior and intermediate engineers will get an introduction in modern timber materials and construction methods. Experienced timber engineers will get a refresher along with the current thinking around design for manufacture and assembly (DfMA) and weather protection.

Programme

Time	Details
12:30 pm	Registration Networking
1:00 pm	Session start
2:30 pm	Afternoon tea break
5:00 pm	End of seminar

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SPEAKER PROFILES

Andy van Houtte | *Potius Building Systems Ltd*

Andy van Houtte is a Director at Potius Building Systems Ltd, providing timber panelisation systems for commercial and residential buildings. He was previously the Wood Processors and Manufactures Association Design Guide Manager and has spent two decades in the timber industry as a structural engineer and held various marketing, technical, production and management positions in the wood products industry.

Andy is a past Associate Director at BRANZ, a Chartered Professional Engineer, is involved in a number of technical societies and holds the following qualifications; Bachelor of Engineering (Forestry), Masters of Engineering (Structural), Masters of Business Administration.

Daniel Scheibmair - Queenstown | *Simpson Strong Tie*

Daniel is a member of Engineering NZ, holds CPEng status, a ME (Hons) qualification, and has had various roles with manufacturers of Engineered Wood Products and structural connectors and fasteners. After two years as BOINZ's Technical and Education Manager, he joined Simpson Strong-Tie in early 2019 to again draw on his timber engineering expertise and his unique skillset across engineering, marketing, sales and building compliance, to encourage and support uptake of timber in commercial, industrial and multi-storey construction in NZ. His involvement with numerous industry bodies and standards committees, the time as President of the Timber Design Society, and his previous roles, a reflection of being at the forefront of advances and innovation in timber engineering.

Daniel Moroder - Christchurch | *PTL*

Daniel Moroder is a chartered structural engineer at PTL Structural Consultants specialized in the design of timber buildings. Originally from Northern Italy, Daniel worked for several years in the timber industry in Europe before obtaining his PhD at the University of Canterbury working on multi-storey timber buildings.

In 2015 Daniel returned to work as a consultant with PTL Structural and Fire, where he is continuing to push the boundaries of timber design. He is currently the president of the NZ Timber Design Society and co-editor of the Timber Design Society Journal. Daniel is also involved in NZ and European Timber Design Standards.

Andrew Dunbar - Nelson | *Structex*

Andrew Dunbar is a senior structural engineer at Structex splitting his time between Christchurch and Nelson. Andrew is particularly passionate about timber structures and completed a master's degree at the University of Canterbury with a focus on mutli-storey timber structures before joining Structex. To broaden his timber knowledge, Andrew took a 2-year sabbatical in Vancouver, Canada, working at Fast + Epp – renowned for pushing the boundaries of mass timber. In Vancouver, he furthered his expertise in mass timber structures and was involved in several large projects and has returned to New Zealand to continue the push towards mass timber in the NZ context.

Ignatius Black - Wellington | *Silvester Clark*

Ignatius is a Principal and Director at Silvester Clark Consulting Engineers. Ignatius has 26 years structural design and engineering experience working in New Zealand and the United Kingdom. Ignatius specialises in the areas of Residential and Commercial Structures. Recently Ignatius has been involved in a number of multistorey timber framed buildings including the Arlington Development in Wellington for Kainga Ora. This development includes a number of light timber framed apartment buildings ranging in height from three to six stories. Ignatius is currently involved in a six storey timber framed apartment building near Porirua that is will be entered in the Living Building Challenge.

Andrew Hewitt - Hamilton | *Timberlab*

Coming from a background in commercial construction, on large projects across NZ & Australia and for the past 8 years having been with the RedStag Timberlab Team (formally TimberLab Solutions), Andrew's role joins together the thinking of the RedStag TimberLab's highly capable & innovative premanufacturing teams.

A keen interest in sharing his knowledge of mass timber from learnings of the last 8 years through early engagement where DfMA principles and the use of CAD/BIM tools can be harnessed to their full potential. Andrew's role sees him working with industry to inform designs that best utilise the strengths of prefabricated mass timber construction and to improve the crossover between design development and the 3D digital manufacturing model to reduce lead times and increase the uptake of mass timber products in NZ.

Mike Newcombe - Auckland | *Enovate*

Mike has a Masters from the European School for Earthquake Engineering and a PhD in the design of multi-storey timber buildings. Mike is sought after as a timber technology expert by a wide range of clients and teaches timber engineering at Auckland University and professional seminars. He is also proficient with concrete and steel design. Mike's role with Enovate includes business development, structural design and review of new residential, commercial and educational projects, and the design and development of alternative structural systems.

VENUES

Queenstown
14th March 2023
Crown Plaza Queenstown
93 Beach St,
Queenstown 9300

Christchurch
15th March 2023
Novotel,
Christchurch Cathedral Square,
Christchurch

Nelson
17th March 2023
Trailways Hotel
66 Trafalgar St, The Wood
Nelson 7010

Wellington
20th March 2023
Area Events, Boulcott Suites
1 O'Reily Ave
Wellington 6011

Hamilton
22nd March 2023
The Verandah,
Hamilton Lake Domain
Rotoroa Drive, Hamilton

Auckland
23rd March 2023
Ellerslie Event Centre,
100 Ascot Avenue,
Ellerslie, Auckland

INVESTMENT DETAILS

Members
$360 (GST exclusive) per person

Non-members
$440 (GST exclusive) per person

REGISTER NOW

For any inquiry, please contact Cheryll Wagener at 021 022 53896 or email info@cwevents.co.nz