

2018 Wood Design Luncheon Conferences

Building Code Revisions, Prefabrication and Modular Construction

Tuesday, November 20th: KELOWNA Delta Hotels by Marriot Grand Okanagan Resort & Conf. Centre, 1310 Water Street
Friday, November 23th: VICTORIA Delta Hotels by Marriot Victoria Ocean Pointe Resort and Spa, 100 Harbour Road

9am: Registration and Exhibits Open

10am – 11am: **British Columbia Building Code 2018:** *Don Pedde (VICTORIA) and Jarrett Hutchinson (KELOWNA), Building and Safety Standards Branch, Office of Housing and Construction Standards, Ministry of Municipal Affairs and Housing, Victoria*

Learn about the Province of BC's commitment to housing and how the Building and Safety Standards Branch develops the BC Building Code to support safe, affordable, and functional housing for all British Columbians. This session will provide an overview of the comprehensive evaluation and public consultation that helped inform the new requirements within the BC Building Code 2018. The presentation will include a summary of the new code requirements for accessibility, energy-efficiency standards, stairs, seismic, with a focus on mid-rise combustible construction.

11am - 12pm: **Tall Wood Buildings through the Site-Specific Regulation (SSR) Process:** *Andrew Harmsworth, GHJ Consultants Ltd., Vancouver*

Tall wood buildings based on performance-based fire engineering have been approved in BC through Site-Specific Regulations (SSRs). The process can be both intense and time-consuming for design and project consulting teams, building and regulatory bodies and technical experts. Andrew will discuss the province's SSR process which enables the construction of tall timber buildings today, provide insight and recommendations to participants involved in an SSR and identify possible solutions for the future. He will review the latest research and his experience with the Tallwood House at UBC and the 19-storey Terrace House hybrid building with exposed timber on the top seven levels in Vancouver.

12pm: **Lunch, Networking & Exhibits**

1pm – 2pm: **Platforms-for-Life, Generative Housing Systems Technology:** *Oliver Lang, Intelligent City and Lang Wilson Practice in Architecture Culture, Vancouver*

This presentation will focus on the required innovation and convergence of mass timber panelized and modularized building systems, with software engineering and CNC/robotically assisted off-site prefabrication, with the aim to create buildings that are more affordable while achieving higher standards for livability and sociability and becoming carbon neutral. The session will exemplify this through current projects including Corvette Landing in Esquimalt, and a 12-storey mass-timber Passive House market condominium project.

2pm: **Conference Program Ends – View the Exhibits!**

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SPEAKER BIOS



Jarrett Hutchinson, Director Building Policy, (KELOWNA only), Building and Safety Standards Branch, Office of Housing and Construction Standards, Ministry of Municipal Affairs and Housing, Victoria

Jarrett is the director of building policy in the Building and Safety Standards Branch of the Office of Housing and Construction Standards within the Province of British Columbia. Throughout his career, Jarrett has actively worked with the development, application and enforcement of codes, standards and policies at municipal, provincial, and national levels.



Don Pedde, Senior Codes Administrator, (VICTORIA only), Building and Safety Standards Branch, Office of Housing and Construction Standards, Ministry of Municipal Affairs and Housing, Victoria

Don is a senior codes administrator with the Building and Safety Standards Branch. Don has 33 years of experience in the building industry including work as a journeyman carpenter, as an architectural technician, and as a chief building official. He a minister's appointee to the executive committee of the Building Officials' Association of BC.



Andrew Harmsworth, M Eng, P Eng, PE, CP, FEC, GHl Consultants Ltd., Vancouver

With 30 years' experience in Fire Science and Building Code consulting, Andrew Harmsworth has developed specialized expertise in the application of Fire Science and Engineering of Building Code requirements. With a master's degree in Fire Engineering from UBC, Andrew's expertise is recognized in his appointment to the Standing Committee on Fire Protection of Codes Canada responsible for the National Building Code of Canada. His expertise is also recognized in his selection to be lead author of the Chapter on Fire Design for the Design Guide for Tall Wood Buildings in Canada, a collaborative effort by the National Research Council of Canada, Natural Resources Canada and FPInnovations.



Oliver Lang, CEO -Intelligent City and Principal - LWPAC Land Wilson Practice in Architecture Culture, Architect AIBC, NY-USA, NRW-Ger, MScAAD, Dipl.Ing.Arch., MRAIC, Int.Assoc. AIA, Vancouver

Oliver Lang is a German Canadian architect, fabricator, developer, and entrepreneur. He is a graduate of Columbia University GSAPP with a MSc Advanced Architectural Design post-professional degree and graduated from the University of Technology Berlin with a Diplom-Ingenieur with studies at the ETSAB Barcelona. He is a winner, among others of a Governor General's Medal and a Lafarge Holcim North America Award.

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