

# 2019 Wood Design Luncheon Conferences

**Wednesday, November 27<sup>th</sup>: VICTORIA:** *Victoria Conference Centre, Level 2, Salon A, 720 Douglas Street*  
**Friday, November 29<sup>th</sup>: KELOWNA:** *Delta Hotels by Marriot Grand Okanagan Resort & Conf. Centre, 1310 Water Street*

**9:00 am – 10:00 am: Registration and Exhibits Open**

**10:00 am – 11:00 am: Developments in the Mass Timber Revolution:** *Nicholas Sills, GM - Customer and Technical Services (KELOWNA) and Ron McDougall, Mass Timber Specialist (VICTORIA), Structurlam Mass Timber Corporation, Penticton, BC*

This presentation will cover current developments in the mass timber revolution. It will review recent projects completed, issues surrounding their development, as well as project supply deployment methods and what the upcoming building codes hold for mass timber throughout North America. The session will begin with a brief intro to 12-storey projects and cost-effective manners for design of systems.

**11:00 am – 12:00 pm: Tall Wood Case Studies in Canada:** *Ilana Danzig, P.Eng, M.Eng, PE, SE, Aspect Structural Engineers, Vancouver*

Review and discussion of two tall mass timber buildings: A 12-storey building and a 30+ storey building. Discussions will include the structural system, fire requirements, lateral load considerations, opportunities for prefabrication, and the new 2020 NBCC Encapsulated Mass Timber construction type.

**12:00 pm – 1:00 pm: Lunch, Networking & Exhibits**

**1:00 pm – 2:00 pm: 100 Mile Building – Generating Local Solutions:** *Jordan Edmonds, Architectural Technologist AIBC, LEED AP BD+C, Urban Arts Architecture, Vancouver*

The Radium Hot Springs Community Hall and Library project utilized a unique project process that commenced with a wood stakeholders' workshop to identify local partners, sponsors, champions and trades. This community-led engagement and design process developed solutions unique to their place, supporting regional economies rooted in sustainable practices and increasing the use of local materials and trades. The result is a wood building reflective of the local industry and resources in the Columbia Valley, and one of the first DLT buildings constructed in Canada.

**2:00 pm: Conference Program Ends – View the Exhibits!**

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## SPEAKER BIOS



**Nicholas Sills, GM - Customer and Technical Services, Structurlam Mass Timber Corporation, Penticton**

Nicholas has a B.Sc. in wood products processing from UBC, and a M.Sc., specializing in timber engineering from Bern University in Switzerland, with an additional 10 years' experience in timber framing and mass timber construction.



**Ron McDougall, Mass Timber Specialist, Structurlam Mass Timber Corporation, Penticton**

Ron brings a unique perspective to the evolving world of engineered wood products. Starting with a resume with diverse career listings from forestry consulting, land development, heavy timber manufacturing and now mass timber specialist for Structurlam, Ron brings 30 years of perspective to the discussion. He believes changing the materials with which we build can change the process of how we build, how we live, and how we contribute to a sustainable world.



**Ilana Danzig, P.Eng, M.Eng, PE, SE, Aspect Structural Engineers, Vancouver**

With over a decade of structural engineering experience, Ilana has worked on a wide range of projects in Canada and the US including the UBC Aquatic Centre, the Audain Art Museum, and the Oregon State University College of Forestry. Experienced in all materials, she is passionate in structural mass timber design and seismic engineering.



**Jordan Edmonds, Architectural Technologist, AIBC, LEED AP BD+C, Urban Arts Architecture, Vancouver**

Jordan is technical director at Urban Arts Architecture. Since forming in 2006, Urban Arts Architecture has been committed to the sustainable growth of small communities throughout BC and the Yukon, specializing in community projects - creating facilities that are often the only gathering place in town. UAA's public work is delivered through an integrated design process that includes the community, stakeholders, the owner, and the design team.

