

NEWBUILDS SYMPOSIUM 2015

Thursday, May 28th, 2015

Radisson Hotel Vancouver Airport, Richmond, B.C.

Knowledge Transfer to Support Wood Building and Design

The latest research into design and construction of mid-rise and taller wood buildings will be the topic of this educational one-day event, providing you with an opportunity to be among the first to learn from thought-leaders and academics who lead our industry.

As the NEWBuildS Network enters its final year of operation, some of the research outcomes from the network and its partners are being implemented to facilitate design and construction of mid-rise and taller wood buildings. NEWBuildS is a multi-disciplinary strategic research network for engineered wood-based building systems and consists of 13 Canadian universities, FPInnovations, the National Research Council and the Canadian Wood Council.

Co-hosted by Wood WORKS! BC, Symposium 2015 will focus on projects that have either been implemented or are of interest to early adopters. The outcomes cover structural, fire and building envelope performance of wood buildings. Presentations will focus on state-of-the-art design information that is either in the process of being implemented or could be implemented in future editions of design standards and building and fire codes. NEWBuildS Principal Investigators, scientists from FPInnovations and the National Research Council and engineers from the building industry will be presenting at this informational and inspirational event.

PROGRAM:

- 8:30 am **Welcome & Opening Remarks**
Ms. Embury-Williams, Exec Director, Wood WORKS! BC
- 8:45 am **Overview of Impacts of NEWBuildS**
Dr. Y. H. Chui, Scientific Director, NEWBuildS
- 9:00 am **Technical Guide for the Design & Construction of Tall Wood Buildings in Canada**
Mr. Erol Karacabeyli, Manager, FPInnovations
- 9:15 am **Keynote Presentation:**
Mr. Mark Taylor, Vice President, PCL Permanent Modular Construction
- 10:15 am *Break*
- 10:30 am **Session I**
- Noon *Lunch*
- 1:00 pm **Session II**
- 3:00 pm *Break*
- 3:15 pm **Session III**
- 4:15 pm **PANEL DISCUSSION**
- 5:00 pm **RECEPTION**

Registration \$25. Click here to [REGISTER](#) by May 22.

9:15 am	KEYNOTE PRESENTATION: REACHING FOR THE SKIES – the challenges and opportunities of constructing tall buildings, a builder’s perspective	SPEAKER : Mr. M. Taylor PCL Permanent Modular Construction
Session I		Presenters
10:30 am	S1.1: Lateral load resistance design of CLT buildings	Dr. F. Lam, UBC Dr. M. Popovski, FPInnovations
11:00 am	S1.2: Design provisions for CLT connections	Dr. A. Salenikovich , U Laval Dr. M. Mohammad, FPInnovations
11:30 am	S1.3: Design for diaphragm action	Dr. T. Haukaas, UBC Dr. C. Ni, FPInnovations
Session II		Presenters
1:00 pm	S2.1: Hybrid buildings I – Wood-concrete/masonry	Dr. M. Bartlett, Western Dr. Z. Chen, UNB
1:30 pm	S2.2: Hybrid buildings II - Wood-steel	Dr. S. Tesfamariam, UBC Dr. T. Tannert, UBC
2:00 pm	S2.3 : Fire risk modeling of 6- and 12-storey wood buildings	Dr. X. Li, Carleton Dr. S. Craft, CHM Consultants
2:30 pm	S2.4: Fire performance of CLT assemblies	Dr. N. Benichou , NRC Mr. C. Dagenais, FPInnovations
Session III		Presenters
3:15 pm	S3.1: Rain load on mid-rise and high-rise buildings	Dr. H. Ge, Concordia Dr. J. Wang, FPInnovations
3:45 pm	S3.2: Energy efficient wall assemblies in mid-rise wood buildings	Dr. J. Straube, Waterloo Dr. H. Yu, Landmark Group
4:15 pm	PANEL DISCUSSION: “FUTURE SENSING IN TALL WOOD BUILDINGS” PANEL MEMBERS: Mr. E. Karacabeyli , FPInnovations Mr. A . Harmsworth , GHl Consultants Ms. H. Griffin , Canadian Wood Council Mr. M. Taylor , PCL Permanent Modular Construction	MODERATOR: Ms. L. Embury Williams , Wood Works! BC Dr. Y. H. Chui UNB



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