

## STREAM 'A' MINI-SEMINARS

MINI-SEMINAR PROGRAM: 1:30 – 4:00 PM

Each of the 8 Seminars Lasts 15min; Total Hours = 2.0 LU's

### **BUILDING A CULTURE OF WOOD: B.C.'S LEADERSHIP IN BUILDING WITH WOOD**

STN #1

**Presenter: Jennifer Raworth, Forestry Innovation Investment**

As a showcase for innovative wood building projects, BC is advancing the use of wood in the built environment. Through a variety of educational tools and resources by naturally:wood, this presentation will introduce attendees to BC's leadership in wood fabrication, design and construction.

### **THE SPECIFICATION AND USE OF PRIMED, PRESERVATIVE TREATED WOOD TRIM**

STN #2

**Presenter: Cody Kwak, Woodtone**

This presentation will help you better understand the manufacturing process and physical properties of preservative treated wood trim as well as the advantages of using preservative treated wood trim and how to properly finish it for home exteriors.

### **BUILDING WITH FIRE RETARDANT WOOD**

STN #3

**Presenter: Bill Hendricks, Watkin Sawmills & Chemco Treating**

This seminar covers the manufacturing process of fire-retardant wood, how it is tested, the building code requirements around it, and the advantages it has over composite products.

### **ENGINEERING WESTERN RED CEDAR TO ENHANCE ITS PERFORMANCE**

STN #4

**Presenter: Bruce Molander, The San Group**

Western Red Cedar (WRC) is one of North America's most long lasting species. Learn about the new advancements in NAUF resins for engineered WRC products, engineered siding benefits and gain an understanding of the sustainability of engineered products.

### **HIGH APPEARANCE GLULAM**

STN #5

**Presenter: Kai Korinth, FraserWood Industries**

This seminar will give insight into the world of glulam. The advantages of this product will be discussed as well as the different appearance properties including texturing, finishing, and high-appearance glulam options.

### **CONSTRUCTING WINDOWS & DOORS FOR THE WEST COAST**

STN #6

**Presenter: Braden Gierc, Fenstur Windows and Doors**

This seminar will discuss features to consider when specifying user friendly wood windows and doors for West Coast applications.

### **REAL CEDAR - A TRULY GREEN BUILDING MATERIAL**

STN #7

**Presenter: Paul Mackie, Western Red Cedar Lumber Assoc.**

This seminar will present the benefits of designing with sustainably harvested WRC. Learn about environmental management & certification, as well as WRC grades and sizes. Gain an understanding about finishing and installation.

### **BUILDING WITH DOWEL LAMINATED TIMBER**

STN #8

**Presenter: Sigi Liebmann, International Timberframes**

This seminar will discuss the different types of DLT. You will walk away with a better understanding of the health benefits, energy efficiency, and sustainability associated with dowel laminated timber.

## STREAM 'B' MINI-SEMINARS

MINI-SEMINAR PROGRAM: 1:30 – 4:00 PM

Each of the 8 Seminars Lasts 15min; Total Hours = 2.0 LU's

### **DESIGNING & SPECIFYING MODERN TIMBER BUILDINGS & SYSTEMS**

STN #1

**Presenter: Dai Ona & Johnny Matak, Daizen Joinery**

This seminar will provide a detailed overview of modern timber building techniques including key aspects of designing and specifying architectural timbers: solid sawn timbers, glulam members and wrapped steel timber.

### **RECOVERING VALUE ADDED LUMBER PRODUCTS FROM FIRE & BEETLE DAMAGED FOREST**

STN #2

**Presenter: Michelle Scheiber & Michael McInnes, C & C Resources**

The environmental and sustainability benefits achieved from recovering fire & beetle damaged forest will be covered, as well as the process of re-manufacturing and the products that can be produced.

### **EFFECTIVE APPROACHES TO INCORPORATING LOG AND TIMBER INTO YOUR COMMERCIAL AND RESIDENTIAL PROJECTS**

STN #3

**Presenters: Patti LeFrancois, Sam Zirnelt, & Peter Sperlich, BC Log and Timber Building Association**

In this presentation, the energy efficiency of log and timber projects will be discussed in addition to the Life Cycle Analysis of log or timber structures and how to incorporate large solid timber and log into various projects.

### **SOLUTIONS FOR WOOD**

STN #4

**Presenter: Jim Barker, Barker Manufacturing**

This seminar will cover several types of appearance finishes available today that will both extend the life of wood while providing the aged or reclaimed look including weathered, burnt, or hand hewn on almost any wood size and profile, from heavy timber to millwork to cladding.

### **FOUR BENEFITS OF HIGH PERFORMANCE FENESTRATION PRODUCTS**

STN #5

**Presenters: Cody Belton, Westeck Windows & Doors**

This presentation will discuss how high-performance fenestration can contribute to health, hygiene and indoor air quality. As well as how high-performance windows contribute to durability, indoor comfort, and sound proofing.

### **APPLICATIONS AND DRYING SPECIFICATIONS FOR WESTERN RED CEDAR AND YELLOW CEDAR**

STN #6

**Presenter: Jake Power & Ian Willey, PowerWood**

This presentation will discuss custom pattern orders, drying practices and the benefits and suggested installation practices for red and yellow cedar.

### **IMPROVING FLOOR PERFORMANCE THROUGH LOAD SHARING**

STN #7

**Presenter: Adrian Van de Mosselaer, kenkékem Manufacturing**

This seminar will discuss floor design criteria, specifically the symptoms and limitations of poor floor performance and current "fixes". It will also analyse load sharing as a solution to some of those issues.

### **DOWEL-LAMINATED TIMBER, THE NEXT GENERATION MASS TIMBER PRODUCT**

STN #8

**Presenter: Gerald Epp Jr., StructureCraft Builders Inc.**

This session will provide a general overview into mass timber construction, featuring North America's newest product Dowel Laminated Timber (DLT).



# WoodTALKS™

at the Global Buyers Mission

Whistler Conference Centre  
September 6-8, 2018



## Thursday, September 6

Time	Event
9:30am-10:15am	WoodTALKS Registration
10:30am-11:30am	<b>Session 1: Blue Sky Living</b>
11:45am-1:15pm	<b>Session 2 (Lunch and Learn):</b> Wood Construction & Durability: What You Think or May Not Know to Make Wood Last - <i>Garibaldi Room</i>
1:30pm-2:30pm	<b>Session 3:</b> Platforms-For-Life, Generative Housing Systems Technology
2:40pm-3:40pm	<b>Session 4:</b> 100 Mile Building – Generating Local Solutions
3:50pm-4:50pm	<b>Session 5:</b> Rebuilding the Heart of the Community
6:30pm-9:30pm	Welcome Reception - Roundhouse Lodge. Upload at Whistler Gondola Base ends at 7:00pm

## Friday, September 7

Time	Event
8:00am-9:00am	Hot Buffet Breakfast & Grand Opening Ceremony
9:00am-12:00pm	15 <sup>th</sup> Annual GBM & Networking Tradeshow
12:00pm-1:15pm	<b>Session 6 (Lunch and Learn):</b> The Proof Is in The Performance: A Case Study on GSA Federal Center South - <i>Garibaldi Room</i>
1:30pm-4:00pm	WoodTALKS Mini Seminar Sessions
6:30pm-9:30pm	Evening Networking Dinner/Reception Squamish Lil'wat Cultural Centre

## Saturday, September 8

Time	Event
8:00am-9:00am	Breakfast
9:00am-12:00pm	15 <sup>th</sup> Annual GBM & Networking Tradeshow
11:45am-1:15pm	<b>Site Tour:</b> High End Residence in Kadenwood Estates, Whistler - <i>Depart from Lower Level Whistler Conference Centre</i>

### Session 1: Blue Sky Living

Presenter: Bo Helliwell – Partner, Helliwell + Smith Blue Sky Architecture

Blue Sky Architecture has developed principals of a design approach and an architectural vocabulary that has evolved with our experience in building and design technology. We will talk about these fundamental ideas that inform our design approach with illustrations from thirty years of practise.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Session 2 (Lunch & Learn): Wood Construction & Durability: What You Think or May Not Know to Make Wood Last

Presenter: Peter N. Moonen, Wood WORKS! BC Municipal Affairs & Sustainability Manager

Durability is one the most important considerations in the use of wood in construction, as wood is used as a structural and architectural medium in both exterior and interior applications. As such, designers and builders must have an understanding of the factors likely to impact wood in use and consider design and treatment solutions to make wood last and reach its full potential for longevity.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Session 3: Platforms-For-Life, Generative Housing Systems Technology

Presenter: Oliver Lang, LWPAC+IC

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. The aim is to create buildings that are more affordable, while achieving higher standards for livability, sociability and carbon neutrality. The session will include an introduction to the approach, technologies, regulatory issues, building design, and how this technology is scalable and adaptable to other sites, regulatory and owners needs.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Session 4: 100 Mile Building – Generating Local Solutions

Presenters: Shelley Craig, Urban Arts Architecture

This seminar will explore unique engagement strategies that have been implemented to create buildings that support local wood based economy of British Columbia, incorporate mass timber solutions and involve the community throughout the design and building process. This regenerative design approach will also be illustrated through the recently constructed Radium Hot Springs Community Hall and Library- a glulam and Dowel-Laminated Timber (DLT) building.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Session 5: Rebuilding the Heart of the Community

Presenters: John Hemsworth, Hemsworth Architecture & Robert Malczyk, Equilibrium Consulting Inc.

Arenas play a truly important role in many Canadian communities, providing a place for people to come together. Currently, a majority of the small town arenas in British Columbia are nearing the end of their practical life span. Usually these buildings are overworked and under financed but they continue on. One such arena in Hazelton, B.C. was closed in 2016 due to concerns over a potential collapse. This presentation will focus on the story of the Upper Skeena Recreation Centre, an all-wood replacement facility that is under construction in Hazelton.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Session 6 (Lunch & Learn): The Proof is in the Performance: A Case Study on GSA Federal Center South

Presenter: Allyn Stellmacher, ZGF Architects

This interactive session will explore how the use of sustainable, reclaimed timber contributed to the creation of one of the most energy efficient office buildings in the nation – enabling long term sustainability, fostering delivery of an optimized solution, and guaranteeing building performance. Federal Center South Building 1202 is an ultra-sustainable workplace for the Seattle District headquarters of the U.S. Army Corps of Engineers. Design and construction strategies, how targets were set and met by the team, and lessons learned, will be discussed.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**



### Mini-Seminar Series with Exhibitors

The mini-seminars will be held on the Whistler Conference Centre Trade Show Floor. There will be 8 accredited mini-seminars, each lasting 15 minutes and covering a variety of products and issues. There will be 5 minute breaks between sessions.

**Credits: AIBC: 2.0 Core LU; AIA: 2.0 LU/HSW; AAA: 2 Structured LH**

### TOUR: Site Tour of High End Residence in Kadenwood Estates, Whistler

Presenter: Don Gurney, Openspace Architecture; Colin Bradner, Bradner Homes; Johnny Matak, Daizen Joinery

Kadenwood Estates is a private enclave of mountain home sites situated above Whistler Creekside with high end residences nestled among the old growth forest and astounding Coastal Range Mountain views. The tour of Kadenwood will be guided by designing architect, Don Gurney. Attendees will be provided with a first-hand inner look into the project design, how wood products have been used extensively throughout the project, how glulam post and beams have been used for structural and aesthetic application, the construction processes, and the features and benefits of the components.

**Credits: AIBC: 1.0 Core LU; AIA: 1.0 LU/HSW; AAA: 1 Structured LH**