BC WOOD’S WOODTALKS PROGRAM HAS REVAMPED - As part of its ongoing educational seminars for Architects, Designers, Engineers, Developers, Builders, and Contractors, BC Wood is pleased to offer the following LIVE WEBINAR SEMINARS. Each topic is interactive and will be presented by industry professionals from BC’s value-added wood manufacturing industry.

As economic and social activity gradually resumes, these topics will adapt accordingly and become available for hybrid or face-to-face lunch and learn sessions. BC Wood will also provide a catered lunch for the lunch and learns. BC Wood is a Recognized Educational Provider with AIBC (Architectural Institute of BC), AIA (American Institute of Architects), BC Housing Continuing Professional Development, AAA (Alberta Association of Architects), and IDCEC (Interior Designer Continuing Educational Council).

For more information on how you can participate, or if you have any questions contact: Ken Hori at BC Wood Specialties Group C: 604-317-3161, khori@bcwood.com.

ARCHITECTURAL WALL PANELS - FROM THE WEST COAST FOREST FLOOR TO PROJECT SITE

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

More Architects, Designers, and Homeowners are gravitating towards wood and other natural materials. Sustainability and reducing the carbon footprint continues to be a growing influence in consumers’ product choices, and innovative wood products are now at front and center. This presentation tells the story from the tree, specifically the Western Red Cedar, through sustainably managed processing into beautiful engineered wooden panels for exterior and interior walls, garage doors, and cabinet doors.

Wood is warm and aesthetically pleasing, but as a natural product there are concerns about its durability against the elements, finishing, and maintenance. This presentation also looks at how engineered edge-glued and cross-laminated Western Red Cedar panels can address these concerns, and how it compares with other cladding materials.

This session will be presented by an industry professional from Silva Panel.
CROSS LAMINATED TIMBER PANELS (CLT’S); OPPORTUNITIES & CHALLENGES WHEN SPECIFYING

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Cross Laminated Timber or CLT is the green choice for schools, health care facilities, public buildings, commercial buildings, and multi-family housing because of its cross-layered construction, reduced carbon footprint, and ready to assemble system. Solid CLT panels are ideal for floor, wall, and roof systems making it a perfect structural solution. This seminar will discuss the opportunities and challenges (CLT) has faced and the progress made with designing and constructing with CLT and the advantages for the architect, builder and owner.

This session will be presented by an industry professional from Structurlam Mass Timber Corporation.

FACTORY REFINISHING OF EXTERIOR BUILDING MATERIALS; A SUSTAINABLE PRACTICE

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Cladding products start with the most natural, healthy, and sustainable resource available – wood. That wood is then engineered, machined, and coated to create a full line of siding and trim products that deliver performance, stability, and beauty. The finished products can be specified on any project; residential and non-residential projects alike with BC companies shipping throughout North America and Globally.

This session will be presented by an industry professional from Woodtone.

FENESTRATION, PAST, PRESENT AND BEYOND

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Advances in North American fenestration had been relatively stagnant through the late 80s to around 2000. There were modest advances in glazing improvements, but the windows themselves didn’t change much. After 2000 the speed at which fenestration manufacturers were expected to improve products increased. This session will explore the changes during the period of the late 80 into the 90s. Then take us to what is happening since 2000 and the dramatic changes we are seeing as we move through the 20/teens; and how the demands for performance into 2030 and beyond is impacting the fenestration manufacturer and its suppliers.

This session will be presented by an industry professional from Westeck Windows and Doors.
FIRE RETARDANT COATINGS AND FACTORY FINISHING OPTIONS

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Fire Retardant Coatings and Building Code compliance is the hot topic of late in specification writing. Fire retardant coating technology has made great advancements in both safety and environmental issues. This seminar will give an overview of the latest in technology for fire retardant coatings, their viabilities and limitations. Also discussed will be environmentally friendly coating and LEED compliant factory finishing options.

This session will be presented by an industry professional from Fire Retardant Coatings Canada, A Division of Door Painters Ltd.

FIRE RETARDANT WOOD PRODUCTS & APPLICATIONS

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW | BC HOUSING 1 CPD, INFORMAL | AAA 1 STRUCTURED LU

DESCRIPTION:

Wood is becoming an attractive and viable option again for use in residential, commercial and high rise applications, and additionally as exterior use under recent fire code and WUI (Wildland Urban Interface) regulation updates. We will look specifically at wood products that increase fire protection for home and commercial property owners without sacrificing the beauty and durability of natural wood. This enables architects and builders to craft exceptional natural wood structures, while ensuring their customers’ peace of mind.

This session primarily covers code legal "Class A" Fire Retardant Treated Wood (FRTW) products mandated its use in the construction today under ASTM E84 or NFPA 255, and CAN/ULC S102 or ULC 723. This includes extended tests under ASTM D2898(12week Accelerated Weathering with Rain and UV), required in many exterior applications.

This session will be presented by an industry professional from Channel-Ex Corporation.

FRIENDS IN LOW VOC PLACES

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Discover how water borne coatings can perform as well, if not better, than their solvent borne counterparts without their negative environmental impact. The seminar will discuss a wide range of water based products and how architects can enjoy a net gain by specifying them.

It will also address the role water borne coatings can play in enhancing the natural look and performance of wood products and how LEED and VOC mandates are leading our industry down the green road. The session will also address the advantages of factory coatings.
INNOVATIONS IN LAMINATED VENEER LUMBER

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

The seminar will give a short overview of the currently available products for mass timber construction and introduce Laminated Veneer Lumber (LVL). LVL advanced product by laminating LVL into a structural panel product as an additional alternative for mass timber construction. LVL is an extremely stable and consistent engineered wood product, ecologically sourced, complies with LEED requirements, with an astonishing visual quality.

This session will be presented by an industry professional from Brisco Manufacturing.

LODGES, CABINS & OFF-GRID RETREATS: DESIGNING AND BUILDING WITH PRE-FABRICATED WESTERN RED CEDAR INTERLOCKING SYSTEMS

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU | BC HOUSING 1 CPD, INFORMAL | AAA 1 STRUCTURED LU

DESCRIPTION:

With the global imperative to move to a low carbon economy, the way buildings are designed, manufactured and built is a key component. In this session, we will look at the considerations for low embodied carbon and high carbon sequestering buildings, at pre-fabricated interlocking wood building systems and with a specific focus on lodges (e.g. cultural, golf, fishing, yoga), cabins, and off-grid retreat projects.

In particular, we will learn about the structurally durable and aesthetically beautiful material of choice: Western Red Cedar, which is sustainably sourced and processed in British Columbia. Further discussion will be around the architectural design guidelines of pre-fabricated interlocking building systems – perfect for building on islands, water-access lots or other remote locations, while leaving a low ecological impact.

This session will be presented by an industry professional from Panabode International Ltd.

SPECIFYING OF WESTERN RED CEDAR AND YELLOW CEDAR PRODUCTS

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

The all-natural beauty of Western Red Cedar and Yellow Cedar products from British Columbia adds value and prestige to construction projects. Architects, specifiers, engineers, designers, and homeowners are increasingly choosing these products as a sustainable building material.
This presentation will describe the aesthetic, durability and long-term performance qualities associated with both wood species. It will explain the cedar products, grades and finishes available in today's market, their appropriate uses, and guidelines for properly specifying them. It will give insight into the manufacturing, drying, and safety practices for working with cedar. Also explained will be coating applications, and the care and maintenance for these environmentally responsible building materials.

This session will be presented by an industry professional from Power Wood Corporation.

THE TRUTH ABOUT WOOD: THE ENVIRONMENTAL BENEFITS OF SPECIFYING CERTIFIED SUSTAINABLE WOOD PRODUCTS

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW

DESCRIPTION:

Forests play an important role in our lives. On the negative, they can be a significant source of global greenhouse emissions and a contributor to climate change through deforestation and poor forest management. On the positive, certifying forests and managing them sustainably is one of the best strategies to help in the fight against Climate Change. This course will explain the environmental importance of sustainable forest management, forest certifications, chain-of-custody certifications, forestry carbon cycles, certified sustainable wood products, and how to spot greenwashing claims by some manufacturers.

People are trying to align their lifestyles with the concept of reducing their carbon footprint and wonder what they can do to make a difference in the age of Climate Change. The good news is that specifiers and influencers are in a position to make a positive impact by aligning their values with those of sustainability - putting pressure on manufacturers, who in turn put pressure on lumber suppliers, who in turn put pressure on loggers and landowners to value sustainability and sustainable forests. And by educating customers on the environmental benefits of specifying certified sustainable wood products, they are doing their part to align their customers' values to make the world a better place for us and for our children.

This session will be presented by an industry professional from Craft Artisan Wood Floors.

VENTILATED DOORS- NEXT GENERATION: MAXIMIZING INDOOR ENVIRONMENTAL QUALITY BETWEEN ENCLOSED SPACES

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU/HSW | BC HOUSING 1 CPD, INFORMAL

DESCRIPTION:

Doors are specified and used every day. Today's door manufacturers offer a wide range of designs and functions that respond to the current demanding requirements including Energy Conservation, Environment and Sustainability issues as well as Fire Doors, Institutional and Commercial Doors, Acoustical Doors, and Residential Doors. This seminar will discuss how to link the door to various applications throughout a project by focusing on current functions, designs and trends; the construction and materials used in wood doors as it relates to
environmental issues and design trends; overweight door options, acoustical and solid core doors, and finishing options; with the ultimate goal to insure the correct doors are specified for the required application in both design and function for all applications.

*This session will be presented by an industry professional from Van Air Design.*

ADVANCED TIMBER MANUFACTURING

1 HOUR LIVE WEBINAR SESSION | AIBC 1 CORE LU | AIA 1 LU | BC HOUSING 1 CPD, INFORMAL

**DESCRIPTION:**

How can an integrated approach to architecture and digital fabrication capitalize on convergent technologies to position Advanced Timber Manufacturing at the forefront of the construction industry?

Fraught with labor inefficiency, material waste, and environmental impacts, the AEC industry is on the cusp of a transformational shift which will forever alter the way buildings are constructed. Uniquely positioned to challenge the status quo of traditional construction processes in North America, this BC manufacturer is enabling digital fabrication to become an extension of the architectural design process. Through early engagement in design assist - a value-added approach to architecture where construction strategies, material properties, and fabrication principals are foregrounded as criteria during design – the relationship between the architect and the manufacturer is transformed to bridge the gap between design and construction. This seminar examines how off-site digital fabrication processes, linked with strategic industry alliances, can facilitate global project efficiencies, enhanced quality, and masterful project execution.

*This session will be presented by an industry professional from Spearhead.*