



# forestTECHX

Mobile Connectivity • Big Data • Harvest Planning

**VANCOUVER CANADA**

March 6-7, 2018 Conference, Executive Airport Plaza Hotel, Richmond, BC  
 March 8, 2018, Post-Conference Workshop, Loon Lake



Tuesday March 6th, 2018  
*Pre-conference Icebreaker*

Wednesday March 7th, 2018  
*Conference and Post-conference Networking*

Thursday March 8th, 2018  
*Optional post-conference workshop Loon Lake*

Principal sponsors



Presented by



LiDAR Workshop Sponsor



[www.foresttechx.events](http://www.foresttechx.events)

# Conference Programme

## Tuesday, March 6th, 2018, Pre-Conference Icebreaker

6-7.00pm Registrations, Refreshments + Meet the Speakers

## Wednesday March 7th, 2018

7.30 am Registrations

8:00 am Welcome & Introduction by conference hosts  
*Anthony Robinson, Logging & Sawmilling Journal*  
*John Stulen, Innovatek Ltd*

### SESSION 1: THE AGE OF DISRUPTIVE INNOVATION: JUST HOW IS IT CHANGING THE WAY WE DO AND WILL BE DOING BUSINESS?

8:15am **Keynote Address: Disruptive innovation: Brought to you by big data**  
*Garret Mullooly, Chief Operating Officer, TreeMetrics, IRELAND*

8:50am **How Timbeter is streamlining costs, sales and logistics**  
*Vallo Visnapuu, Chief Executive Officer, Timbeter, ESTONIA*

9:20am **Case Study: Disruptive innovation**  
*Kevin Lim, President and CTO, Lim Geomatics, CANADA*

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**10:00am Coffee Break and Networking**

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### SESSION 2: HOW CAN FOREST MANAGERS BEST HARNESS IMPROVEMENTS IN MOBILE CONNECTIVITY AND SATELLITE IMAGERY?

10:30am **Practical utilisation of satellite imagery for resource and operational management**  
*David Herries, General Manager, Interpine Innovation, NEW ZEALAND*

11:00am **Case Study: Experiential learnings to avoid pitfalls when integrating UAVs into your forest management and inventory systems**  
*Philip Reece, President and CEO, InDro Robotics and Remote Sensing, CANADA*

11:30am **Frontline deployment of UAVs in Australian forest operations**  
*Mike Sutton, Manager of Forest Information and Planning, Forestry Corporation NSW, AUSTRALIA*

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**12:00 pm LUNCH and Networking**

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### SESSION 3: BIG DATA: EFFECTIVE STORAGE, PROCESSING AND MANAGEMENT OF INFORMATION COLLECTED BY REMOTE SENSING

1:00pm **Individual tree inventories using LiDAR**  
*Cam Brown, Forsite, CANADA, and Mike Parlow, Object Raku Technologies, CANADA*

1:30pm **Advanced forest inventory techniques using high spatial resolution optical remote sensing imagery and LiDAR**  
*Dr Nicholas Coops, Associate Dean of Research and Innovation, University of British Columbia, CANADA*

2:00pm: **How not to waste money with remote-sensing**  
*Zack Parisa, Founder and President, SilviaTerra, UNITED STATES*

### SESSION 4: FOCUS ON HARVEST PLANNING TOOLS

2:30pm **Forest manager perspectives on using harvester head data**  
*Ian Wilson, Harvesting Performance Services Manager, Interpine Innovation, NEW ZEALAND*

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**3:00 pm Coffee Break and Networking**

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3:30pm **Contractor business perspectives on management by harvester head data: 'Nice-to-have' or critical tool?**  
*Ian Reid, Director, Austimber Harvesting, AUSTRALIA, and Jules Larsen, Distribution and Operations Manager, Waratah, AUSTRALIA*

4:15pm **Increasing log value with collaborative harvest planning: Real time work scheduling and resource allocation**  
*Kim Tofin, Director Sales, Trimble Forestry, CANADA*

4:35pm **LiDAR and imagery-derived enhanced forest inventories in 2018**  
*Riley Côté-DeMerchant, Forestry Account Manager, Leading Edge Geomatics, CANADA*

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**5:00pm Networking and Refreshments**

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**6:30pm Conference concludes**

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## Thursday March 8th, 2018: Field Tour

7:30am Depart conference venue for Malcolm Knapp Research Forest

8:45am Field Tour and LiDAR Workshop commences  
*David Herries, Interpine Innovation and Dr Martin Isenburg, Rapidlasso*

**Details to be confirmed. Numbers are strictly limited to registered ForestTECHX delegates.**

12:45pm Field Tour and LiDAR Workshop concludes



**Technology in Forest Management is changing rapidly, don't miss the update!**

**This event SOLD OUT in 2016**

# Conference Information

## What will ForestTECHX 2018 cover?

- Technology advances in forest management and harvesting
- How disruptive innovation is changing the way we do and will be doing business
- How forest managers can best harness improvements in mobile connectivity and satellite imagery
- Big data: Effective storage, processing and management of information collected by remote sensing
- Harvest planning and measurement tools for daily use by contractors, licencees and managers



## Background: “Getting the forest information you need faster, better, cheaper”

Forest management and harvesting technologies are advancing rapidly with mobile applications coming to the fore. New apps can provide answers to traditional questions in a fraction of the time earlier software platforms could. The leading application developers are tuned in to the needs of practical foresters and contractors.

The result is new applications that are setting new paradigms and reducing costs for verifying key metrics out in the forest.

Big software vendors are supporting or competing with smaller, more agile and user-focused practitioners. More than ever, international borders are no barrier to adopting new forest measurement and harvesting aids.

Just as winch-assist technology has changed forest harvesting on challenging terrain, artificial intelligence and drones are re-writing the rules for forest managers to improve forecasting, modelling and reporting when managing or harvesting forests.

The pace of forest technologies, both in hardware and software applications, is now moving ahead at speed. In order to keep your management and operations teams on top of the latest developments, register for ForestTECHX 2018.

## Who should attend?

- Chief technology officers
- Chief information officers
- Licencees
- Logging contractors
- Technical foresters
- Forest owners and managers
- Forest consultants
- Forest researchers
- Forest resource planners
- Inventory planners
- Technology & equipment suppliers

**Venue:** Executive Airport Plaza Hotel, 7311 Westminster Highway, Richmond, BC, CANADA

**Accommodation:** For the 2018 ForestTECHX conference, discounted room rates are available to delegates staying at the Executive Airport Plaza Hotel. Check directly with the hotel for rates and availability. Please mention that you are attending the ForestTECHX conference when calling or booking.

For online bookings, go to: [www.executivehotels.net/vancouver-airport-hotel/](http://www.executivehotels.net/vancouver-airport-hotel/)  
For room reservations, call: Freephone 1-888-388-3932, or Tel 1-800-663-2878

**Organized by:** Logging & Sawmilling Journal, Canada and Innovatek Limited, New Zealand

Please note that the organizers reserve the right to change the program if needed without prior knowledge to event delegates.



# Conference Registration

March 6<sup>th</sup>-7<sup>th</sup>, 2018, Executive Airport Plaza Hotel, Canada

## 4 Ways to Register

- Website: [www.foresttechx.events](http://www.foresttechx.events)
- Tel: 604 990 9970 or New Zealand (+64) 7 921 1382
- Email: [tahlia.hopkins@innovatek.co.nz](mailto:tahlia.hopkins@innovatek.co.nz) or Fax to New Zealand (+64) 7 921 1381
- Mail this registration form to: ForestTECHX 2018 Conference, PO Box 86670, North Vancouver, BC, V7L 4L2, Canada

**SPECIALS:** Super Early Bird Discount: Register **BY Wednesday December 20th, 2017**, Early Bird Discount: Register **BY Friday February 9th, 2018**  
Discounts are also available for multiple registrations and listed Supporting Association Members.

## Delegate Details:

Name: \_\_\_\_\_ Position: \_\_\_\_\_ Email: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Company: \_\_\_\_\_  
Postal Address: \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

I will be participating in the Interpine Innovation Field Tour and LiDAR Workshop on Thursday March 8th, 2018

## Registration Rates:

	Rate	# Attendees	Total
Super Early Bird Rate ( <i>payment by December 20th, 2017</i> )	CAD\$ 450		\$
Early Bird Rate ( <i>payment by February 9th, 2018</i> )	CAD\$ 495		\$
Standard Rate	CAD\$ 595		\$
Group Rate ( <i>when booking 3 delegates from same company</i> )	CAD\$1470		\$
Supporting Association Discount Rate ( <i>contact Innovatek for this discount</i> )	CAD\$ 495		\$
	SUB TOTAL		\$
	+ GST (5%)		\$
	GRAND TOTAL		\$

## Registration Details:

- All prices exclude GST (5%).
- Only one special rate offer can be applied for.
- **Supporting Associations** include: Interior Logging Association (ILA), The Truck Loggers Association,.
- To be eligible for the **Super Early Bird Rate**, registrations and payment must be received **By Wednesday December 20th, 2017**.
- To be eligible for the **Early Bird Rate**, registrations and payment must be received **BY Friday February 9th, 2018**.
- All discounts offered (including 'Super Early Bird', 'Early Bird' and group discounts) require payment at time of registration.
- Your conference registration payment covers **coffee, lunch, refreshments, a conference handbook** and **access to presentations** after the conference concludes (electronic download for those presentations will be available where presenter approval has been given).

**Cancellation policy:** For cancellations before **Friday January 26th, 2018**, a 10% administration fee applies. Cancellations received **after January 26th, 2018**, are non-refundable but are transferable. Please allow 30 days for refunds to be processed. If you wish to transfer your registration to another individual from the same company, please provide us with at least 24 hours advance notice.

**Payment:** GST No. 89959 2877 RT0001

Please debit my MasterCard / Visa (circle one)

Amount enclosed: \$CAD \_\_\_\_\_ Cardholder's signature: \_\_\_\_\_

Credit card number: \_\_\_\_\_ CSC Number: \_\_\_\_\_

Expiry date: \_\_\_\_\_ Cardholder's name: \_\_\_\_\_

Cheque payable to LOGGING & SAWMILLING JOURNAL

I will call 604-990 9970 for bank account details, or provide credit card details by phone

For enquiries about ForestTECHX 2018:

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New Zealand

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