

Monday 25 June 2018

- 1.30pm **Pre-Conference Workshop.** Cloud-based Operations Management.
Remsoft, Canada
- 2.30pm **Afternoon Tea** for pre-conference workshop delegates
- 3.00pm **Pre-Conference Workshop.** Transport Planning. Effective planning to improve the efficiency of transport operations.
Australian Forest Operations Research Alliance (University of the Sunshine Coast, Australia) & Trimble Logistics
- 5.00pm **Pre-Conference Registration & Drinks**

DAY ONE – Tuesday 26 June 2018

9.00am Welcome & Introduction - FIEA

SESSION 1: DISRUPTIVE TECHNOLOGIES & EMERGING ISSUES THAT ARE RESHAPING THE WOOD SUPPLY CHAIN

- 9.10am **Keynote Address: Disruptive Technologies.** The changing face of just how we will do business.
Graeme Muller, Chief Executive, NZ Tech
- 9.45am **Block Chain Technologies.** What is it and opportunities for transport & logistics companies
Mark Pascall, Director, Blockchain Labs NZ
- 10.15am Morning Tea & Networking**
- 10.45am **The Future Supply Chain _ but not as we know it.** Transformation through improved connectivity, increased automation, digitisation and data analytics using the Internet of Things
Andrew Cushen, Deputy Chief Executive, InternetNZ
- 11.15am **Virtual and Augmented Reality.** How this is going to change your business. Developments and practical uses in: health & safety, training, product development and maintenance.
Lance Bauerfeind, Director, Pepper Creative
- 11.45am **TECH Talks**
- 12.00pm Lunch & Networking**

SESSION 2: LOG SCALING, MEASUREMENT & TRACKING INNOVATIONS

- 1.00pm **Vision and Scanning Technologies for Volumetric Measurement of Logs and Woodchips.**
Mauricio Acuna, Senior Research Fellow Australian Forest Operations Research Alliance, Australia
- 1.30pm **Commercial Deployment of a 3D Laser Measurement System to Measure the Solid Volume of Bulk Hardwood Logs on Truck - an Australasian first**
Darren Herd, Strategic Resource and Logistics Manager, Forico, Australia
- 2.00pm **Measuring & Reporting on Stacked Log Volumes using your Smartphone**
Vallo Visnapuu, Chief Executive Officer, Timbeter, Estonia
- ### SESSION 3: FOREST TO MARKET - OPTIMISING HARVESTING, TRANSPORT & DELIVERY TECHNOLOGIES
- 2.30pm **Using Telemetry to Encourage Transport Productivity and Safety Improvements**
Corinne Watson, General Manager, CCS Logistics
- 3.00pm Afternoon Tea & Networking**
- 3.30pm **Driving Efficiencies through the Adoption of Mobile Electronic Docketing Across your Business.** The process, outcomes and recommendations in moving from paper-based log docketing processes.
Randall Cameron, Managing Director Australia, Mobile Mentor, Australia
- 4.00pm **Electrifying Your Heavy Vehicle Fleet.** Technologies hastening the uptake of EV's
Andrew Rushworth, Managing Director, Zero Emission Vehicles
- 4.30pm **TECH Talks**
- 5.00pm Refreshments & Networking**
Drinks and canapes will be provided.

DAY TWO – Wednesday 27 June 2018

SESSION 3: FOREST TO MARKET - OPTIMISING HARVESTING, TRANSPORT & DELIVERY TECHNOLOGIES CONT'D.

- 8.30am **Leveraging Vehicle Connectivity to Optimise Logistics.** How platooning and other technology will transform the industry
Max Blatt, Head of Business Development, LOTS Group, Sweden
Alexander Mastrovito, Head of Sustainable Transport Solutions, Scania, Asia & Oceania, Hong Kong
- 9.00am **The Two Stage Log Extraction Revolution.** Systems successfully being used to reduce landing sizes by transporting wood to a separate processing site for sorting and loading.
Marcus Musson, Director, FOMS
- 9.30am **Improving Safety and Productivity of Trucking Operations with On-board Cameras.** Lessons from one of Chile's largest forest companies
Fernando Paredes, Transport Manager, Forestal Mininco, Chile

10.00am Morning Tea & Networking

SESSION 4: OPTIMISING FOREST PRODUCTS PLANNING FOR THE WOOD SUPPLY CHAIN

- 10.30am **Case Study: Re-inventing your Supply Chain Planning.** Linking a 60-year resource plan to operational daily planning.
Nigel Brabyn, Business Performance Analyst, Nelson Forests Ltd
- 11.00am **Wood Flow Operations and Management Planning in the Cloud**
John Trus - Vice President, Global Sales, Remsoft, Canada

11.30am **Planning for Log Transport on Rural Roads.** Practical tools developed for forest owners to work collaboratively with local Councils
Brett Gilmore, Director, Brett Gilmore Consulting

12.00pm **Forest OPS.** A management and operational tool for harvest scheduling, log transportation, wood flows and mill inventories
Doug Folkins, Resource Solutions Professional, JRP Solutions, Canada

12.30pm Lunch & Networking

SESSION 5: SAFETY, TRAINING & R&D INITIATIVES

- 1.30pm **Tools to Improve Harvesting & Haulage Safety and Productivity through Fatigue Management.** Results and lessons from recent work with forestry and contracting companies in South Australia.
Dr Luke Mirowski, Director, Manuvr/Senior Research Fellow, University of Tasmania, Australia (via video call)
- 2.00pm **Implementing Transport & Driver Safety Technology _ lessons from a major NI transport company**
Murray Symons, Transport Manager, Symons Group
- 2.30pm **R&D. Where to from here?** Improving efficiencies through the wood supply chain.
Keith Raymond, Harvesting Programme Leader, Forest Growers Research
- 3.00pm Conference Concludes**