

FEC 2018 Schedule

Rotorua, 16th to 19th April, 2018

(<http://www.foresteng.canterbury.ac.nz/FEC2018.shtml>)



Monday 16th - Workshops and Ice-breaker

9 am Select one of the following workshops to attend:

1. **Waratah** - pilgrimage to the best known name in NZ forest machinery! See the production process from start to finish at the Tokoroa factory.
2. **Trimble Forestry Logistics** – learn what it takes to optimise a large scale trucking industry, from software development, real-time on-line truck tracking through to dispatch operations.
3. **EMS / Winch Assist** – NZ is leading the world in producing larger winch-assist machines and EMS is one of the main manufactures of such equipment. Learn from their engineers and see their manufacturing.
4. **Interpine** - meet the team of experts that provide technology and quality control services to the NZ industry, including LiDAR mapping services and production tracking. Includes drone demo.
5. **PF Olsen Eng. Team** – find out how a leading forest engineering team uses modern technology for advanced forest roads and stream crossings design and installation. Includes field visit.
6. **Timberlands KPP** – visit the largest automated stems processing plant in NZ; includes visit to Kaingaroa forest estate.
7. **Scion / Research** - NZ largest forest research provider with a long successful history that has helped define the NZ forest industry: experience latest developments with lunch in the famous “Redwood” forest.
8. **Hancock Ltd** – first NZ company to strive for full mechanisation of all their steep terrain harvesting operations; hear from their foresters and visit some of their leading operations.
9. **Natures Flame/ Bioenergy** – Visit Taupo, an area renowned for wood processing facilities, but also has the nation’s largest geothermal power plants and produce wood heating pellets.

4 pm Return from workshop / tour

5:00pm Ice-breaker at Hotel

6:30pm Dinner downtown Rotorua (own choice 'Eat Street')

Tuesday 17th – Opening, Keynote Speakers, Technical Sessions and FEC Dinner

8:30 Welcome to FORMEC2018 - *Rien Visser, UC and JF Gingras, FPIInnovations*

Plenary Session

8:45am Commercial forestry in NZ: a modern company perspective

– **Brendan Slui, Rayonier, NZ**

9:15 Forestry developments in the PNW

– **Court Stanley, PortBlakely, Oregon, USA**

9:40 Improving safety - what we can learn from NZ port operations

– **Pat Kirk, Port of Tauranga, NZ**

9:55 Highlights of Forest Eng Developments in NZ.

– **Keith Raymond - FGR, NZ**

10:15 Coffee Break

10:45 From the forest to innovative products: the IKEA success story

– **Christoph Leibling, IKEA**

11:10 Forestry and Forest Eng research in Australia

– **Mark Brown, USC, Australia**

11:35 Implementing precision forestry: high-tech tools working today

– **David Herries, Interpine, NZ**

12:00 TBA

12:30 Lunch

Tuesday 17th (cont.) – Technical Sessions

Technical Session

1:30pm	1A: FEC Selected Presentations - 6 x 15 min presentations	1B: Safety and Ergonomics 6 x 15 min presentations
<i>3pm</i>	<i>Coffee Break</i>	
3:30pm	2A: FEC Selected Presentations - 6 x 15 min presentations	2B: Integration of new technologies 6 x 15 min presentations
<i>5pm</i>	<i>Finish and drinks at bar / swim in the pool</i>	

6:30pm	FEC Conference Dinner (at Hotel venue) - Including entertainment
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Wednesday 18th - Field Trip

8:00	Bus departs Hotel - second bus to depart 45 minutes later (up to 50 people each)
8:45	Kawerau – Kajavala Central Processing operation
9:30	Ground-based logging operation (Rayonier - near Kawerau)
11:15	Port of Tauranga visit
<i>12:30</i>	<i>Lunch at Mt Maunganui Beach - includes time for swim / walk</i>
1:30	Steep terrain logging operation (PF Olsen – via Pyes Pa)
5pm	Return at Hotel
	<i>Evening free</i>

Thursday 19th – FEC Technical Sessions

8:30	3A: Logistics, supply chain and trade - 6 x 15 min presentations	3B: FGR Research - 6 x 15 min presentations
<i>10:10</i>	<i>Tea / Coffee Break</i>	
10:45	4A: Protecting the Environment - 6 x 15 min presentations	4B: Young Researcher; Student Projects - 6 x 15 min presentations
<i>12:20</i>	<i>Lunch</i>	
1:15	5A: Steep Terrain Harvesting - 5 x 15 min presentations	5B: New Machines and Systems - 5 x 15 min presentations
2:30	Closing session - Visser / Brown + Spinelli / Marchi for FEC2021	
<i>3pm</i>	<i>Conference Finishes</i>	

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