

## Annual GCFF conference – 1<sup>st</sup> glimpse at results

24 - 25 March 2015

Hagley Oval Pavilion, 63 Riccarton Ave, Christchurch

Tue 24 Mar	Activity	Presenter
9.30 am	Registration and Coffee	
10.00 – 10.10	Welcome and Introduction	Peter Clinton, Scion
10.10 – 10.20	What's in it for someone paying the Forest Growers levy?	Russell Dale, FOA
<b>Recent advances in forest productivity research in New Zealand – Chair Peter Clinton</b>		
10.20 – 11.00	Keynote - Advances in productivity research in the pacific north-west	Doug Maguire, Oregon State Uni
11.00 – 11.20	Is there a productivity gap and how big is it for New Zealand planted forests?	John Moore, Scion
11.20 – 11.40	Prediction of site index and 300 index (a large scale case study)	Mike Watt, Scion
11.40 – 12.00	Can we remotely sense phenotypic information from genetics trials?	Dave Pont, Scion
12.00 – 12.30	Promoting growth: from glasshouse to the nursery and out into the forest	Simeon Smaill, Scion
12.30 – 12.45	Quantifying wood property variation in radiata pine and the implications for segregation	John Moore, Scion
12.45 – 1.30 pm	Lunch	

<b>New contributions to the Sustainability of the New Zealand forest industry – Chair Tim Payn</b>		
1.30 – 2.10	Keynote – International trends in water and forest research	Dan Neary, USDA Forest Service
2.10 – 2.30	Nutrient management: How is the GCFF programme contributing to forestry's case for sustainable nutrient use in NZ forestry?	Tim Payn, Scion
2.30 – 2.50	Long term site productivity trials - What happened to the soil resources?	Loretta Garrett, Scion
2.50 – 3.10	Revealing the long-term impacts on soil microbial communities	Simeon Smaill, Scion
3.10 – 3.30	Attitudes, erosion, environmental damage and mitigation	Duncan Harrison, Scion; Chris Phillips, Landcare
3.30 – 4.00	Afternoon tea	
<b>New insight into the place of forestry in the primary sector economy of New Zealand – Chair Peter Oliver</b>		
4.00 – 4.40	Keynote – Forestry and catchment management into the future	Simon Stokes, Bay of Plenty Regional Council
4.40 – 5.00	Validation of a spatial economic model for planted forests	Richard Yao, Scion
5.00 – 5.20	What is the full value of planted forests in New Zealand? Implications for the primary sector economic contribution	Juan Monges, Sandra Velarde, Scion
5.20 – 5.30	Wrap up	Russell Dale, FOA
7 pm	Conference Dinner at Botanic Garden Ilex Centre (Table wine and cash bar)	Speaker: Dr Tobias Smith, GM, Prestressed Timber Ltd

## Field Trip to Canterbury Forests

The field trip will provide an opportunity to see practical demonstrations of some of the key aspects of the research programme. It will also provide an opportunity to discuss the research in a more informal setting. The field trip will have two components: (1) GCFF research programme and (2) Douglas fir / Swiss needle cast disease aspects.

Wed 25 Mar (approximate times)	Field Trip to Canterbury Forests
7.45 am	Meet outside Dean's Bush on Titoki St. car park
8 am	Depart
9 am	Proseed Orchard, Amberley
10 am	Depart
10.30 am	Balmoral Forest (Boron rate trials, weeds, wood quality)
11.45 am	Lunch at Hurunui River picnic spot
12.30 pm	Depart
1.30 pm	Ashley Forest, Purple Heights Rd, RPBC trial
2 pm	Depart
2.15 pm	Douglas Fir stand, Ngaumu Rd
3 pm	Depart for Airport
4 pm	Dropping people off at Christchurch airport
4.30 pm	Back at Dean's Bush meeting point

### Associated Meeting in Christchurch

Mon 23 Mar	Phenotyping Innovation Cluster Group Meeting University of Canterbury, Forestry Building, Forestry Road	Presenter
2 – 4.30 pm	Open to all	
	Update on use of terrestrial laser scanners for inventory	Dave Pont
	Update on progress around the phenotyping platform.	Dave Pont
	Use of remotely sensed data to predict productivity indices	Michael Watt
	Outline of Matakana Island LiDAR case study. Research around advanced methods to assist small to medium sized growers utilise LiDAR data	Jonathan Dash
	Update on LIDAR providers, technologies and projects	David Herries
	Discussion around projects for the next financial year	Michael Watt

### Associated Workshop in Christchurch

Thu 26 Mar	Swiss Needle Cast Workshop University of Canterbury, Dovedale Campus, Wheki Building Room 101	Presenter
	Registration	
9.00 am	Swiss needle cast in New Zealand	Ian Hood Scion
9.30 am	Climate and Swiss needle cast	Michael Watt Scion
10.00 am	Morning Tea	
10.30 am	Douglas-fir silviculture in the presence of Swiss needle cast: Relative merits of designing effective management tactics and conceding to environmental limitations	Doug Maguire Oregon State University
12.00 pm	Lunch	
12.45 pm	Industry talk	Phil De La Mare Ernslaw One
1.00 pm	Industry talk	Peter Oliver City Forests
1.15 pm	Genetic solutions	Heidi Dungey Scion
1.30 pm	Gains and foliage health from progeny tests	Charlie Low Scion
1.45 pm	Workshop - Genetic, silviculture, siting, out of the box - Research ideas - Industry priorities - Action plan	Facilitated
4.00 pm	Workshop, presentation of results and discussions	Facilitated
4.30pm	Synthesis and closing	Heidi Dungey Scion

This SNZ workshop agenda is also available as a separate file on the GCFF website:

<http://gcff.nz/news-and-events/>