

“Pathways to doubling productivity”
10 - 12 June 2014, Novotel, Rotorua

Tue 10 June	Activity	Presenter
10.00 am	Registration and Coffee	
10.20 – 10.30	Welcome and Introduction	Warren Parker, Scion
10.30 – 10.40	Overview of the research aims of the Growing Confidence in Forestry's Future programme	Peter Clinton, Scion
10.40 – 10.50	How has the industry come together to support research and development through the forest growers levy	Russell Dale, FOA
10.50 – 11.10	Why the government is investing in the biological industries and how they see it empowering the Business Growth Agenda	Prue Williams, MBIE
Maximising value from existing forests – Chair Peter Clinton		
11.10 – 12.00	Keynote – Productivity research and current activities/ mid-rotation interventions to boost productivity – a review of the US Southeast experience	Eric Jokela, University of Florida
12.00 – 12.25	Interventions to add value to the current resource	John Moore, Scion
12.25 – 1.25 pm	Lunch	
1.25 – 2.15	Keynote – Maximising value capture from the current resource	Glen Murphy, Waiariki IT
2.15 – 2.50	Panel discussion on productivity and competitiveness of forestry	Moderator Peter Clinton, Scion
2.50	Afternoon tea	
3.20 – 3.55	Keynote – Use of remote sensing in research and industry: an international perspective	Mike Watt, Scion
3.55 – 4.25	Application of remote sensing by the NZ forest industry	Aaron Gunn, Blakely Pacific
4.25 – 5.00	Lasers, Satellites, and Drones: An overview of remote sensing research	Jonathan Dash, Scion
5.00 – 6.00	Posters and tech display session	
7.00 pm	Conference Dinner at Novotel (Table wine and cash bar)	Speaker Dennis Neilson; MC Russell Dale

Wed 11 June	Activity	Presenter
8.00	Coffee	
Building more productive, higher quality forests for the future – Chair John Moore		
8.30 – 9.10	Keynote – Phenotyping the forest what is the size of the prize (what could we achieve if we can properly match genotypes to sites)	Heidi Dungey, Scion Brian Cullis, University of Wollongong, Australia
9.10 – 9.30	Phenotyping in the forest for improved health: developing screening protocols	Emily Telfer, Scion
9.30 – 9.50	What are the key environmental drivers for genotypes in New Zealand and Australia?	Washington Gapare, CSIRO
9.50 – 10.20	Morning tea	
10.20 – 10.40	What is the size of the pie? The productivity gap	Dean Meason, Scion
10.40 – 11.20	Keynote – Using process based models to close the gap	Mike Battaglia, CSIRO
11.20 – 12.00	How can we quickly close the gap – accelerating forest productivity	Simeon Smail, Scion
12.00 – 12.30	Panel discussion on accelerating forest productivity	Moderator John Moore
12.30 – 1.30 pm	Lunch	
Sustainability under intensified regimes - Chair Peter Clinton		
1.30 – 2.10	Keynote – Sustainability under intensified regimes – what are the challenges?	Tim Payn, Scion
2.10 – 2.30	Inter rotation management on steeplands	Chris Phillips, Landcare
2.30 – 2.50	Getting the most value from your forest - Spatial Economic Modelling	Richard Yao, Scion
2.50 – 3.20	Panel discussion on sustainable intensification of forestry	Moderator Peter Clinton
3.20 – 3.50	Afternoon tea	
Closing the gap: translating science into sustainable business growth – Chair John Moore		
3.50 – 4.30	Keynote – Primary Sector Innovation	James Turner, AgResearch
4.30 – 4.40	Technology transfer and uptake - Industry experience and observations	Elaine Birk, Rayonier
4.40 – 4.50	An industry perspective on co-learning	Andrew Karalus, Nelson Forest (video recorded)
4.50 – 5.00	Summary of Pathways to Doubling Productivity	Peter Clinton

Field Trip to Scion and Tarawera Forest

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 has two components: (1) a short visit to Scion to view the new laboratory facilities and a tour of the wood quality laboratory; and (2) a field visit to Tarawera Forest where we will focus on long-term site productivity, the impacts of genetics and silviculture on productivity. We are also planning a demonstration of new technologies that can be used to collect information on forests. This will be subject to equipment availability and weather conditions on the day.

Thu 12 June	Field Trip to Scion and Tarawera Forest	Presenter
7.45 am	Novotel - bus pick up to drive to Scion	
8.00	Scion tour of new laboratory facilities and wood quality destructive sampling suite	John Moore Simeon Smaill
9.00	Drive to Tarawera Forest	
10 – 12	Silvicultural-breeds trial (FR121-6). This will include a demonstration of terrestrial laser scanning (to be confirmed) Long-term site productivity trial (FR41).	John Moore Peter Clinton
noon	Lunch	
1 – 3 pm	TAWE84/2 (17 year old pure clonal stand). This stop will include demonstration of UAV (to be confirmed). FR308 (comparison of pure clonal blocks with clonal mixtures)	John Moore John Moore/ Eric Jokela
3 pm	Driving back to Rotorua	
4 pm	Dropping people off at Rotorua airport	
4:30	Back at Scion	