

Forest Research Institute Showcase



28–29 November 2024

Innovation Centre Auditorium | UniSC Sunshine Coast Campus

Thursday, 28 November 2024

8:30–9:30am	Arrival and registrations
9:30–9:35am	Opening address Professor Ross Young, Deputy Vice-Chancellor (Research and Innovation)
9:35–10:00am	Welcome and scene setting Professor Mark Brown, Director – Forest Research Institute
10:00–10:30am	Networking morning tea and poster display
10:30–12:00pm	Keynote address Strategic Vision: Where the sector should be aiming for 2050 <ul style="list-style-type: none">▪ <i>Where the Durable Timber and Wood Products Sector Should be Aiming for 2050</i>– Angela Pappin, Quality Specialist, Hyne▪ <i>Research and innovation needs for plantation management and timber production to 2050</i> – Steve Walker, Chief Operating Officer, HQPlantations
12:00–1:00pm	Networking lunch and poster display
1:00–3:00pm	Institute presentations: Timber durability Chair: Professor Tripti Singh, Director – National Centre for Timber Durability and Design Life <ul style="list-style-type: none">▪ Director overview of research area and vision▪ <i>Accelerated decay testing methods for low durability Australian hardwoods</i> – Juan Vargas Garcia, <i>Copper indicator's detection limits in solution and slash pine sapwood for timber quality assurance</i>– Dr Tengfei Yi▪ <i>Fire behaviour of Australian hardwood timber species for possible classification as BAL 29 species</i> – Dr Luis Yerman▪ <i>Enhancing Timber Circularity in the Frame and Truss Industry. Transforming Unused Materials into Valuable Resources</i> – Dr Pene Mitchell and Kersten Gentle (CEO, Frame and Truss Manufacturers Association)
3:00–3:30pm	Networking afternoon tea and poster display
3:30–5:30pm	Institute presentations: Forestry and wood production Chair: Professor Mark Brown, Director – Forest Research Institute <ul style="list-style-type: none">▪ Director overview of research area and vision▪ <i>A Forest Pest Management Research Consortium to optimise pest control solutions in forestry</i> – Dr Sam Van Holsbeeck

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- *Collaboration: the building blocks of resilient forest health and biosecurity* – Dr Madaline Healey
- *Radiata Pine thinning residue fire risk mitigation* – Dr Martin Strandgard
- *Overview of the non-destructive wood quality research using Resi-* Associate Professor David Lee and Dominic Kain (HQPlantations)

5:30–7:00pm **Networking and poster display**

7:00pm **Close**
Professor Mark Brown

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Friday, 29 November 2024

8:30–9:00am **Arrival and registrations**

9:00–10:30am **Institute presentations: Nature based solution, carbon and forest management in a changing climate**

Chair: Professor John Herbohn, Director – Tropical Forests and People Research Centre

- Director overview of research area and vision
- *Improving carbon gains and reforestation efficiency for Nature Based Solutions by incorporating tree water use dynamics into plantation design* – Dr Adriana Vega Grau
- *Processes for gaining FPIC and working with communities – insights from Project Tarsier implementation and application to other areas within Shell* – Dr Dora Carias Vega
- *The role of Remote Sensing & GIS in Nature-Based Solutions* – Dr Nick Kokkas

10:30–11:00am **Networking morning tea and poster display**

11:00–1:00pm **Natural forest restoration and conservation**

Chair: Professor John Herbohn

- Director overview of research area and vision
- *Carbon stocks and sequestration potential of community forests in Bhutan* – Sigyel Delma
- *Climate, size and competition: interactions explain growth of Tasmanian eucalypts* – Dr Alexandra Catling
- FoRCE project: Emerging insights into rainforest recovery, management and measurement following disturbance and vine infestation.– Professor Andrew Marshall
- *Policy Initiatives, Regulatory Burdens, Market Mechanisms, Illegality, and the Wicked Problem of Tropical Forest Degradation* – Professor Francis (Jack) Putz

1:00–1:45pm **Networking lunch and poster display**

1:45–3:00pm **Panel and Roundtable: The Australian forestry research environment into the future emerging priorities, focus, and vision from here to 2050**

Chair: Professor Ross Young

Panel:

- Dr Dean Williams, Interim Director – Australian Forest and Wood Innovations
- Prof Mark Brown
- Prof John Herbohn
- Prof Tripti Singh

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3:00–3:10pm **Showcase summary**

3:10–3:15pm Presentation of student award
Sponsored by AFWI

Innovation Impact Award – for the best presentation of potential application and impact (\$250)

Excellence in Communication Award – for the clearest and best communication (\$250)

3:15 – 3:30pm **Closing remarks**
Professor Ross Young

3:30pm **Close**
Professor Mark Brown



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