

PROGRAM & SPEAKERS

WEDNESDAY 18 APRIL

8.00AM to 8.45AM	REGISTRATION AND ARRIVAL TEA/COFFEE	
8.45AM TO 8.55AM	Welcome address Ms Leona Reif, President of Composites Australia	
8.55AM TO 9.25AM	Outlook for the Economy and Markets David de Garis, Director, Economics, Markets Corporate & Institutional Banking, National Australia Bank	
9.25AM TO 9.55AM	Unlocking the Opportunities Into Renewable Infrastructure Projects and Beyond Andy Balmain, Commercial Manager, ICN	
9.55AM TO 10.40AM	Tricomposite - The Transformation Journey of the Tricomposite Manufacturing Plant Continues Mr Frank Cristiano, General Manager Tricomposite Australia and Mr Hugh O'Donnell, Director, High Performance Consortium	
10.40AM TO 11.10AM	MORNING TEA	
	INDUSTRY STREAM	PEER REVIEWED STREAM
11.10AM TO 11.40AM	How Can Workforce Diversity Improve Composite Productivity Dr Angela Trego, Department Chair , Utah Valley University and Dr Rik Heslehurst, Director/Owner, Heslehurst and Associates Pty Ltd	In-Situ Monitoring of Fibre Reinforced Composites Using Embedded Fibre Optic Sensors Mr Daryn Benecke, Undergraduate Student, Swinburne University
11.40AM TO 12.10PM	Improving Project Performance Mr Fon Hah, Management Consultant, Helmsman International	Analysis of Electrical Energy Harvesting Using a Piezoelectric Laminated Belleville Springs Dr. Sontipee Aimmanee, Research Advisor, King Mongkut's University of Technology
12.10PM TO 12.55PM	DEMONSTRATION Ease of Working and Creating with A1 Water Based Resin - Part 1 Mani Sampaio, Director, Australian Composite Solutions	
12.55PM to 1.40PM	LUNCH	
1.40PM TO 2.10PM	DEMONSTRATION Ease of Working and Creating with A1 Water Based Resin - Part 2 Mani Sampaio, Director, Australian Composite Solutions	
2.10PM TO 2.55PM	DEMONSTRATION The Importance of Achieving Consistent Fibre/Resin Volume Ratio During Fabrication Dr Rik Heslehurst, Director/Owner, Heslehurst and Associates Pty Ltd	
2.55PM TO 3.25PM	AFTERNOON TEA	
3.25PM TO 3.55PM	Thinking and Planning Like a Technology Company to Adapt IIoT Ashely Reid, Managing Director, Terra Firma Industries	Low Velocity Impact of Thick Maritime Composites Dr Andrew Phillips, Defence Scientist, Defence Science and Technology Group
3.55PM TO 4.25PM	Applying Boat Building Thinking to Complex Composite Commissions Steve Campbell, Managing Director, Composites Constructions Pty Ltd	Composite Resin Development to Improve Resin Performance and Mechanical Properties Dr Xiaoqing Zhang, Team Leader - Resins and Composites, CSIRO Manufacturing
4.25PM TO 4.55PM	Courageous Fibreglass Commissions - The Story of 100 Skulls Glen King, Managing Director, King's Fibreglass Pty Ltd	Epoxy/Graphene Nanocomposites Associate Professor Jun Ma, Associate Professor, University of South Australia
4.55PM TO 5.25PM	The Evolution of Reinforcement Materials and the Surfboard Manufacturing Industry Damien Bensley, General Manager, Colan Australia	Preparation and Characterisation of a Thermomechanically Stable Composite from a Fast Curing Epoxy Resin and Lignin Using a Protic Ionic Liquid as a New Medium Ms Shammi Sultana Nisha, PhD Student, Swinburne University of Technology
5.25PM	CLOSE CONFERENCE CONFERENCE DINNER MEET AT 6.00PM FOR 6.10PM DEPARTURE	

PROGRAM & SPEAKERS

THURSDAY 19 APRIL

8.00AM TO 9.00AM ARRIVAL TEA/COFFEE

9.00AM TO 9.30AM

PLENARY

Australian Synchrotron: Delivering Real Life Benefits
Professor Andrew Peele, Director, Australian Synchrotron ANSTO

INDUSTRY STREAM

PEER REVIEWED STREAM

9.30AM TO 10.00AM

An Adhesive Selection Methodology
Dr Rik Heslehurst, Director/Owner, Heslehurst and Associates Pty Ltd

Wettability of Carbon Fibres at Tow Scale
Mr Jian Wang, PhD Student, Harbin Institute of Technology

10.00AM TO 10.30AM

A New Turn-Key Core Material
Holger Zorn, Business Development Manger, Spheretex GmbH

10.30AM TO 11.00AM MORNING TEA

11.00AM TO 11.45AM

DEMONSTRATION
Vacuum Infusion Process - Part 1
allnex and Tricomposite

11.45AM TO 12.30PM

DEMONSTRATION
Composites Adhesives – Bonding To A Range Of Substrates
Mr Kevin Tarrant, Engineering Adhesives Manager - ANZ, HB Fuller Engineering

12.30PM TO 1.15PM LUNCH

1.15PM TO 2.00PM

DEMONSTRATION
Vacuum Infusion Process - Part 2
allnex and Tricomposite

2.00PM TO 2.30PM

Xantu.Layr® Nanofibre Interleaving Veils for High Performance Composite Materials
Dr Gareth Beckermann, Technical Manager, Revolution Fibres Ltd

Modelling of Low-Velocity Impact on Shear Thickening Fluids
Mr Xiaoyu Cui, Master of Philosophy Student, University of Sydney

2.30PM TO 3.00PM

DEMONSTRATION
Cure Monitoring in the Manufacturing Environment
allnex and NETZSCH Australia

3.00PM TO 3.45PM

DEMONSTRATION
Vacuum Infusion Process - Part 3
allnex and Tricomposite

3.45PM TO 4.15PM

4.15PM

FAREWELL DRINKS AND CONFERENCE CLOSE