

Thursday 12 May 2022

8:00 – 11:00	AFI National Meeting Podium Room 5, Podium Level
11:30 – 16:00	Site tour at SkillsTech TAFE Queensland Coach transfers sponsored by White Industries
14:00 – 19:30	Registration desk open Podium Rooms 1-2, Podium Level
17:30 – 20:00	President's Reception – Soleil Pool Deck Sponsored by Foseco

Friday 13 May 2022

Day one conference AV sponsored by Hitachi High-Tech Analytical Science	
8:00 – 17:00	Registration desk open Podium Rooms 1-2, Podium Level
9:00 – 9:15	Introduction and welcome Trevor Davis, Conference MC and AFI Qld Legend Brett Reynolds, AFI Qld President
9:15 – 10:15	Adding value through metal casting innovation Keynote: Dr Roger Lumley, AW Bell Sponsored by Glucina Alloys
10:15 – 10:55	Manufacturing – Sovereign capability Deepak Ganga and Charlotte Morris, DMTC
10:55 – 11:30	Morning tea Sponsored by Heraeus Electro-nite (Australia) and DYNAREF Products
11:30 – 12:10	Apprentice/Technical training Peter Canavan, Ai Group
12:10 – 12:50	The Australian steel industry – opportunities for engagement with the Australian Foundry Institute John Gardner, Australian Steel Institute
12:50 – 13:50	Lunch Sponsored by Sanwa and Pyrotek
13:50 – 14:30	Why do I need to plan for my business to achieve net zero carbon emissions, and what does that look like? Andrew Clarke, Northmore Gordon
14:30 – 15:10	NbC-bearing hypo-eutectic high chromium white cast irons: Production and properties Hamid Pourasiabi, The University of Queensland
15:10 – 15:40	Afternoon tea Sponsored by PLM Hive and FLOW-3D CAST
15:40 – 16:20	Structure of and integrated CAD/CAE system for design and electronic prototyping of products in the foundry industry Simo Saletic, PLM Hive
16:20 – 17:00	INFRABUILD – Building futures through sustainable steel Gordon Matthews, InfraBuild Recycling
18:30 – 20:30	Strike Bowling – Wintergarden, Queen Street Mall Sponsored by Glucina Alloys

Saturday 14 May 2022

| *Day two conference AV sponsored by CR Mining*

8:30 – 15:30	Registration desk open Podium Rooms 1-2, Podium Level
9:00 – 9:10	Program overview Trevor Davis, Conference MC and AFI Qld Legend
9:10 – 9:50	The prediction of microstructure and stress within an aluminium casting Damian McGuckin, Pacific ESI Gui Wang, The University of Queensland
9:50 – 10:30	Respirable crystalline silica: recent experiences in protecting workers against silica dust in a small foundry Robert Olds and Dr William Olds, Olds Engineering
10:30 – 11:00	Morning tea <i>Sponsored by Wear Tech Foundry and Wes Omega Sinto Foundry Machinery</i>
11:00 – 11:40	Mystery topic
11:40 – 12:20	The Paradigm shift in metal analyser detector technologies Jenny Thistlethwaite, DKSH Australia
12:20 – 13:20	Lunch <i>Sponsored by TAFE Queensland and Clingcast Metals</i>
13:20 – 14:00	Some observations of the role and importance of oxide films in castings Dr Roger Lumley, AW Bell
14:00 – 14:50	Industry report and AFI National AGM Brett Lawrence, AFI National President AFI web update Ryan Weber, Huettenes-Albertus Australia FiaB (Foundry in a Box) Alan Cooke, AFI National Vice President
14:50 – 15:00	Closing comments Trevor Davis, Conference MC and AFI Qld Legend
15:00 – 15:30	Afternoon tea <i>Sponsored by Mallet Foundry</i>
18:30 – 23:30	Conference Dinner – Level 12 Rooftop, Rydges South Bank <i>Sponsored by Huettenes-Albertus Australia</i>



2023

Stay tuned for more information on next year's conference at www.australianfoundryinstitute.com.au

The Australian Foundry Institute 57th Annual National Conference will be held in **Perth, WA** in 2023.