



Crowne Plaza Hotel, Christchurch 17<sup>th</sup> – 19<sup>th</sup> October 2024

## Conference Program

### Wednesday 16<sup>th</sup> October

- 17:00 – 18:00      **Registration desk** - open  
17:30                **AFI National Meeting** – Oram room

### Thursday 17<sup>th</sup> October

- 6:30                 **Registration desk** - opens  
7:00 – 12:30        **Jet Boating** - *(Sponsored by CWF Hamilton Jet)*  
  
3 x groups will depart the hotel at 7am, 8:30am & 10am with the last bus returning to the hotel at 12:30pm.  
  
12:45 – 17:15       **Industry tours to CWF Hamilton & A W Fraser** - *(Sponsored by A W Fraser)*  
Assemble in the hotel foyer at 12:30pm, bus departs at 12:45  
  
18:00 – 19:00       **Welcome by Murray Speed, Chairman CTNZ** in the Golden Fleece Room – Drinks and Canapes - *(Sponsored by Vesuvius)*  
  
19:00 – 22:00       **Quiz Night** in the Golden Fleece Room – *(Sponsored by Heraeus Electro-Nite)*

### Friday 18<sup>th</sup> October – Golden Fleece Room

- 8:00                 **Registration desk** - open  
8:20                 **Murray Speed Chairman CTNZ** - Welcome  
8:30                 **Keynote Speaker Dr Gary Shiftlet** – “Ancient Copper & Bronze Casting” - *(Sponsored by Gillies Metaltech)*  
9:30                 **Keynote Speaker Jack Palmer** – “What Makes Us Afraid” - *(Sponsored by Gillies Metaltech)*  
10:30                **Morning Tea** – *(Sponsored by Pyrotek Products)*  
10:45                **Ben Reed** CEO of CWF Hamilton – “From engineering shop to world leading manufacturer of waterjet propulsion”  
11:15                **Jonah Myberg** Co-founder & CTO ExOne – “Digital Casting: How 3D printing is revolutionizing the foundry industry”  
12:00                **Lunch** Crowne Plaza Restaurant - *(Sponsored by Pyrotek Products)*  
13:00                **Dr Roger Lumely** Senior Technical Specialist AW Bell Pty - Developments in Titanium Casting: Opportunities & Challenges”





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### Friday 18<sup>th</sup> - continued

- 14:00** **Jonathan Lindstrand** Global Sales Director Precimeter Group – subject TBC
- 14:45** Afternoon tea – *(Sponsored by Pyrotek Products)*
- 15:00** **Phil Benson** Director AW Fraser – “AW Fraser: Understanding our DNA”
- 15:30** TBC
- 16:00** **CTNZ AGM** – Golden Fleece Room
- 16:00** **AFI Annual AGM** – Ellis Gartner room
- 18:00** **Friday Happy Hour** drinks and canapes – *(Sponsored by Glucina Alloys)*

### Saturday 19<sup>th</sup> October – Golden Fleece Room

- 8:30** **Keynote Speaker Jack Palmer** – Innovations you need to be deploying now” - *(sponsored by Gillies Metaltech)*
- 9:30** **Keynote Speaker Dr Gary Shiftlet** – “4000 years of Iron & Steel, Pig Iron & Cast Iron – Driving Force & Metallurgy of Human Advancement” - *(Sponsored by Gillies Metaltech)*
- 10:30** **Morning Tea** - *(Sponsored by Pyrotek Products)*
- 10:45** **David Vujanic** – Patternmaker (subject TBC)
- 11:15** TBC
- 12:00** **Lunch** Crowne Plaza Restaurant – *(Sponsored by Beckwith Group)*
- 13:00** **WorkSafe** – (subject TBC)
- 14:00** **Finn Birchall University of Canterbury PhD Student** – “High throughput Quantification of Recrystallisation Parameters with Deformation Gradients”
- 14:30** **Afternoon Tea** - *(Sponsored by Pyrotek Products)*
- 15:00** **Keynote speaker Dr Gary Shiftlet** – “High Entropy Alloys Microstructure, Physical Properties 7 Hype” - *(Sponsored by Gillies Metaltech)*
- 16:00** **Murray Speed Chairman CTNZ** – “Closing Remarks”
- 18:00** **Banquet Dinner** Sign of the Takaha - *(Sponsored by Huettenus Albertus)*

Assemble in hotel foyer at 18:00 with two busses leaving 15 – 20 minutes apart. One bus returns at 11pm and the second bus returns at 11:45pm

A photographer will be active during the conference - *(Sponsored by Dynaref Products)*

