

LMT2023

MELBOURNE AUSTRALIA

10TH INTERNATIONAL LIGHT METALS TECHNOLOGY CONFERENCE

RMIT UNIVERSITY, MELBOURNE, AUSTRALIA

9 - 12 JULY 2023

CALL FOR PAPERS

Abstracts close
31 January 2023

The **Light Metals Technology (LMT) conference** is a biennial event that focuses on recent advances in the science and technologies associated with the development and manufacture of aluminium, magnesium and titanium alloys and their translation into commercial products. The conference presents an opportunity for academic researchers, students and industry to discuss cutting edge developments and to facilitate new collaborations.

The LMT series is organised, in rotation, by the members of the Global Light Metals Alliance, which includes 11 centres specialising in light metal research. Conferences have been held in Australia (2003), Austria (2005), Canada (2007), Australia (2009), Germany (2011), UK (2013), South Africa (2015), USA (2017) and China (2019). LMT2023 will be hosted by RMIT University, University of Queensland and Materials Australia.

CONFERENCE CO-CHAIRS



Professor Mark Easton
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Professor David StJohn
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You are invited to submit abstracts on topics within the themes of **Net Shape Manufacturing, Solid State Transformations and Mechanical Performance, and Translation to Applications.**

For example, but not limited to:

- > Alloy development
- > Solidification and casting
- > Thermomechanical processing and forming
- > Machining and subtractive processes
- > Mechanical behaviour
- > Recycling and environmental impacts
- > Corrosion and surface modification
- > Advanced characterisation techniques
- > Joining
- > Applications in bio-medical, automotive, aerospace, and energy industries
- > Simulation and modelling
- > Integrated computational materials engineering



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