

CALL FOR ABSTRACTS

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TMS 2018
147th Annual Meeting & Exhibition



MARCH 11 – 15, 2018
PHOENIX, ARIZONA

SUBMIT AN ABSTRACT TO:

MATERIALS PROCESSING

POWDER METALLURGY OF LIGHT, REACTIVE AND OTHER NON-FERROUS METALS

In this proposed six-session symposium, papers addressing all aspects of powder metallurgy of light, reactive, and other non-ferrous metals and their applications will be welcome. Quality papers presented at the symposium will be considered for a focused issue of a peer-reviewed journal.

The following topics on the powder metallurgy of light, reactive, and other non-ferrous metals are particularly welcome:

- Novel synthesis of powder materials
- Production and characterization of spherical powders for additive manufacturing (AM) or 3D printing
- New developments and understanding of powder consolidation (e.g. spark plasma sintering, microwave sintering, forging, extrusion, powder injection moulding, cold spray forming)
- Additive manufacturing or 3D printing
- Functionally graded materials and novel metal-ceramic or metal-polymer composites
- Novel applications of powder materials, including loose powders, porous structures, and fully consolidated products
- Advances in characterization of powder materials
- Modelling and simulation of all aspects of the powder metallurgy of light, reactive, and other non-ferrous metals

ORGANIZERS

Ma Qian, RMIT University (Royal Melbourne Institute of Technology), Australia

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SPONSORS

TMS Materials Processing & Manufacturing Division

TMS Powder Materials Committee

ABSTRACT DEADLINE IS JULY 1, 2017. SUBMIT ONLINE AT www.programmaster.org/TMS2018.

QUESTIONS? CONTACT programming@tms.org