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TMS2019
148th Annual Meeting & Exhibition

CALL FOR ABSTRACTS

March 10–14, 2019
San Antonio, Texas, USA

SUBMIT AN ABSTRACT TO:

LIGHT METALS

Scandium Extraction and Use in Aluminum Alloys

Scandium is a high-impact alloying addition to aluminum having beneficial effects on several properties and in many aluminum alloy systems. However, the use of aluminum scandium alloys has been limited to low volume, special applications due to the high price of scandium. New sources of scandium are emerging with potentially lower costs in the form of new mines, red mud extraction, extraction from nickel ores and as a by-product of titanium pigment production. Papers on scandium extraction and use in aluminum alloy systems are sought for this symposium. Papers on the metallurgy of aluminium scandium alloy systems and applications are also required.

Session topics will include:

- Scandium extraction including from red mud
- Aluminum scandium alloys (joint session with aluminum alloys symposium)
- Aluminum scandium alloys additive manufacture (joint session)

ORGANIZERS

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Abstract Deadline is July 1, 2018.
Submit online at www.programmaster.org/TMS2019

Questions?
Contact programming@tms.org