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**TMS2019**  
148<sup>th</sup> Annual Meeting & Exhibition

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

**JOIN US FOR THIS TMS2019 SYMPOSIUM:**

**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**

**Corleen Chesonis**, Metal Quality Solutions, LLC, USA

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Nearly 4,000 presentations are planned  
at more than 80 symposia at TMS2019.

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today to register and book housing.