

THE WORLD COMES HERE  
**TMS2019**  
148<sup>th</sup> Annual Meeting & Exhibition

**REGISTER  
TODAY!**

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

**JOIN US FOR:**

**REWAS 2019 Plenary Session**

Tuesday, March 12, 2019 • 8:30 a.m. to 12:20 p.m.  
Henry B. Gonzalez Convention Center • Room 007C

**Sponsored by:** TMS Extraction and Processing Division, TMS Light Metals Division, TMS Recycling and Environmental Technologies Committee

**Organizers:** Gabrielle Gaustad, Alfred University; Camille Fleuriault, Gopher Resource; Mertol Göknelma, Norwegian University of Science and Technology; John Howarter, Purdue University; Randolph Kirchain, Massachusetts Institute of Technology; Kaka Ma, Colorado State University; Christina Meskers, Umicore; Neale Neelameggham, IND LLC; Elsa Olivetti, Massachusetts Institute of Technology; Adam Powell, Worcester Polytechnic Institute; Fiseha Tesfaye, Åbo Akademi University; Mingming Zhang, ArcelorMittal Global R&D



**FEATURED SPEAKERS**



**Toru Okabe**  
*University of Tokyo*

Presentation Title:  
"Recycling of Critical Metals"



**Ben Jones**  
*CRU International Limited*

Presentation Title:  
"Supply Chains for Battery Materials"



**Callie Babbitt**  
*Rochester Institute of Technology*

Presentation Title:  
"Implications of an Evolving Electronic Waste Stream"



**David Waggoner**  
*Institute of Scrap Recycling Industries, Inc.*

Presentation Title:  
"Is Sustainability Less Than the Sum of its Parts?"



**Chris Bayliss**  
*International Aluminum Institute*

Presentation Title:  
"Mineral Exploration of the Urban Mine: Dynamics of Aluminum Stocks and Flows"



**Ramana Reddy**  
*The University of Alabama*

Presentation Title: "A New Thinking in Metals Recycling"



**Markus Reuter**  
*Helmholtz-Institute Freiberg for Resource Technology*

Presentation Title:  
"Challenges of the Circular Economy"

Register for TMS2019 today and join us for  
REWAS 2019 in San Antonio in March!

[www.tms.org/TMS2019](http://www.tms.org/TMS2019)