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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:**

**SPECIAL TOPICS**

**2019 International Metallurgical Processes Workshop for Young Scholars  
(IMPROWYS 2019)**

The 2019 International Metallurgical Processes Workshop for Young Scholars (IMPROWYS 2019) will be convened in conjunction with the TMS 2019 Annual Meeting & Exhibition (TMS2019). This workshop is a continuation of IMPROWYS 2017 held on August 11–12, 2017 at Northeastern University, Shenyang, China.

This workshop aims to promote academic communication and cooperation in the field of metallurgical processing, particularly for young scholars. Abstracts within the scope of refining and inclusion engineering, solidification processing, metal forming, mechanical metallurgy, electromagnetic processing, and welding metallurgy, are encouraged to submit. We sincerely welcome all experts, scholars, and professionals in related research areas.

**ORGANIZERS**

**Cong Wang**, Northeastern University, China  
**Amy J. Clarke**, Colorado School of Mines, USA  
**Kinnor Chattopadhyay**, University of Toronto, Canada  
**Bryan Webler**, Carnegie Mellon University, USA

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

Visit [www.tms.org/TMS2019](http://www.tms.org/TMS2019)  
today to register and book housing.