

TMS 2018

147th Annual Meeting & Exhibition

THE WORLD COMES HERE.



MARCH 11–15, 2018 • #TMSAnnualMeeting
PHOENIX CONVENTION CENTER • PHOENIX, ARIZONA, USA

FEATURING:

**ALL-CONFERENCE PLENARY SESSION
WITH TESLA AND SPACEX LEADERSHIP**

**2ND INTERNATIONAL CONFERENCE ON
COMPUTATIONAL DESIGN AND
SIMULATION OF MATERIALS 2018**

CDSM 2018

COMPUTATIONAL DESIGN AND
SIMULATION OF MATERIALS

REGISTER TODAY!

www.tms.org/TMS2018

REGISTRATION & HOUSING

REGISTRATION FEES

Register by February 1 for the best rates!

Discount Rate (By February 1) - **Standard Rate** (After February 1)

Type	Discount	Standard
Member <i>(Does not include TMS Membership for 2018)</i>	\$645	\$825
Member Presenter <i>(Does not include TMS Membership for 2018)</i>	\$645	\$825
Nonmember Presenter <i>(Includes TMS Membership for 2018)</i>	\$825	\$975
Nonmember <i>(Includes TMS Membership for 2018)</i>	\$870	\$1,010
Senior Member <i>(Must hold Senior Member distinction with TMS)</i>	\$480	\$630
Student Member* <i>(Does not include Material Advantage Membership for 2018)</i>	\$140	\$190
Student Nonmember* <i>(Includes Material Advantage Membership for 2018)</i>	\$170	\$220
Daily Registration Member <i>(Does not include TMS Membership for 2018)</i>	\$460	\$535
Daily Registration Nonmember <i>(Includes TMS Membership for 2018)</i>	\$525	\$580
Exhibition Daily <i>(No one under 18 permitted. Proceedings access not included.)</i>	\$75	\$75

* Must be a full-time student at an accredited university to register at the student rate. A current school identification card must be presented at registration to receive your materials at TMS2018.

BOOK HOUSING

For the best rates on the most convenient hotels, book your room through onPeak, the only official hotel provider associated with TMS2018. Visit the Housing section of the TMS 2018 Annual Meeting & Exhibition website to reserve your room today or contact onPeak at 1-855-992-3353 (U.S. and Canada only) or 1-312-527-7300 (all other countries).

LEARN FROM YOUR PEERS



TMS2018 REGISTRANTS RECEIVE ACCESS TO:

- More than 85 symposia in 15 technical tracks
- Technical sessions of the 2nd International Conference on Computational Design and Simulation of Materials (CDSM 2018)
- All-conference plenary session, featuring Charles Kuehmann of Tesla and SpaceX
- Featured keynote presentations, honorary symposia, special award lectures, and poster sessions
- Electronic access to the complete collected proceedings
- Five full days of programming and activities

Join your colleagues from nearly 70 nations at the meeting that the global minerals, metals, and materials community calls home: the TMS 2018 Annual Meeting & Exhibition.

EXPAND YOUR NETWORK



ALL FULL-CONFERENCE REGISTRANTS RECEIVE ACCESS TO THE FOLLOWING NETWORKING AND SOCIAL EVENTS AT TMS2018:

- TMS President's Welcoming Reception
- A three-day pass to the TMS2018 Exhibition, which includes:
 - Exhibit Hall Opening Reception and Poster Session
 - Exhibit Hall Happy Hour and Poster Session
 - Complimentary Lunches
- 2018 TMS-AIME Awards Ceremony
- Networking Hub, which offers free WiFi and informal networking opportunities

Purchase tickets for additional networking and social events—including the Diversity and Inclusion Breakfast, technical division luncheon lectures, and the 2018 TMS-AIME Awards Banquet—through the TMS2018 Registration form.

#TMSAnnualMeeting

CONTINUE YOUR EDUCATION



BUILD YOUR SKILLS AT A PROFESSIONAL DEVELOPMENT EVENT:

- 14th Annual Advanced Microelectronic Packaging, Emerging Interconnection Technology, and Lead-free Solder Workshop
- Additive Manufacturing Processes and Technology Workshop
- Avizo 3D Analysis Software for Materials Science*
- Best Practices in Bauxite and Alumina Processing and Production
- Design of Novel Magnetic Materials by Modelling and Advanced Synthesis and Characterization
- Determination of Sustainability Indicators of Minerals and Metals Using Life Cycle Assessment
- Hands On: Interactive Materials Data Visualization and Selection Tools for Research and Teaching*
- Improving Culture & Business Performance: Going Beyond the Warm & Fuzzy
- Introduction to Alloy Thermodynamics: the CALPHAD Approach and Beyond
- An Introduction to Computational Modelling in Materials Processing
- Metal Treatment for Aluminum Ingot Casting
- Modeling the Coevolution of Microstructure and Properties Using the MOOSE Framework
- Spent Potliner Insights and New Directions
- Young Professionals Workshop on Preparing A Winning Application Package to Find Your Future Job

**Part of the Supplier Technology Education Program*

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ABOUT THE TMS ANNUAL MEETING & EXHIBITION

WHO YOU'LL MEET

- More than 4,000 scientists and engineers working in industry, academia, and government and representing all aspects of minerals, metals, and materials
- Representatives from nearly 70 countries
- Established professionals, retired experts, young professionals, and students

WHAT YOU'LL LEARN

Learn from leaders in the field at more than 85 symposia in 15 defined topic areas:

- Additive Technologies
- Materials Processing
- Mechanics & Structural Reliability
- Corrosion
- Nuclear Materials
- Physical Metallurgy

- Light Metals
- Characterization
- Nanostructured Materials
- Advanced Materials
- Electronic Materials
- Energy & Environment
- Biomaterials
- Materials Design
- Special Topics

SPECIAL FEATURES FOR 2018



ALL-CONFERENCE PLENARY: DEFINING THE FUTURE OF MATERIALS AND MANUFACTURING INNOVATION

This special session with Tesla and SpaceX leadership will explore potential futures for the automotive and aerospace industries and discuss the need for new and innovative materials that can make game-changing advances possible.



Charlie Kuehmann currently leads the materials engineering organizations at both Tesla and SpaceX, driving material solutions to enable the world's transition to a sustainable future, the commercialization of space and a multi-planetary civilization.

CDSM 2018: A MEETING WITHIN A MEETING FOR TMS2018 ATTENDEES

CDSM 2018
COMPUTATIONAL DESIGN AND
SIMULATION OF MATERIALS

TMS has partnered with the Chinese Society of Metals to present international perspectives on computational simulation and modeling to accelerate materials discovery and design.

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TMS
The Minerals, Metals & Materials Society

5700 Corporate Drive Suite 750
Pittsburgh, PA 15237 USA
www.tms.org

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