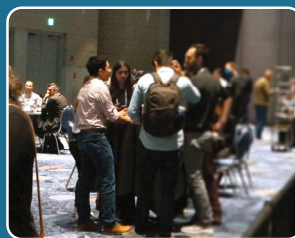
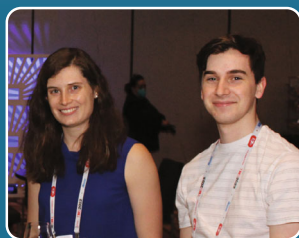


TMS2023: A PREVIEW BY THE NUMBERS

Kelly Zappas



After two unconventional years of virtual and hybrid gatherings, the TMS 2023 Annual Meeting & Exhibition (TMS2023), to be held March 19–23, marks the return to a fully in-person event, with plenty of opportunities for face-to-face networking, informal discussions, and interesting technical exchanges. In 2023, the meeting returns to San Diego, California, for the first time since the record-breaking 2020 event, which gathered more than 4,600 minerals, metals, and materials scientists and engineers from around the world.

We have yet to see how many individuals will come together for TMS2023, but we can offer a few key numbers that will provide you with a sense of the size and scope of this year's meeting.

99 TECHNICAL SYMPOSIA



More than 4,700 abstracts were submitted for TMS2023. Accepted abstracts will be delivered as oral and poster presentations at 99 symposia throughout the week. Symposia have been planned by all five TMS technical divisions in the following topic areas:

- Additive Technologies
- Materials Processing
- Mechanics & Structural Reliability
- Nuclear Materials
- Physical Metallurgy
- Light Metals
- Characterization
- Nanostructured Materials
- Advanced Materials
- Electronic Materials
- Energy & Environment
- Biomaterials
- Materials Design
- Corrosion
- Special Topics

Visit the technical programming section of the TMS2023 website to view a complete listing of symposia plans.

5 HONORARY SYMPOSIA

Each of the five TMS technical divisions will honor the career of a distinguished leader in their field with a special symposium at TMS2023.



TMS Light Metals Division (LMD)

Honoree: Barry J. Welch
Symposium Title: 60 Years of Taking Aluminum Smelting Research and Development from New Zealand to the World



TMS Structural Materials Division (SMD)

Honoree: Easo George
Symposium Title: Alloy Behavior and Design Across Length-Scales



TMS Materials Processing & Manufacturing Division (MPMD)

Honoree: Jonathan A. Dantzig
Symposium Title: Frontiers in Solidification



TMS Functional Materials Division (FMD)/SMD

Honoree: Zi-Kui Liu
Symposium Title: Materials Genome, CALPHAD, and a Career over the Span of 20, 50, and 60 Years



TMS Extraction & Processing Division (EPD)

Honoree: Patrick R. Taylor
Symposium Title: New Directions in Mineral Processing, Extractive Metallurgy, Recycling, and Waste Minimization

3 DIVISION LUNCHEON LECTURES

The various TMS technical divisions come together throughout the week at TMS2023 to enjoy camaraderie, celebrate award recipients, and hear about important topics relevant to their work at the Technical Division Luncheons. The following invited speakers will deliver talks at the luncheons:



EPD/MPMD Luncheon

Paramita Das,
Global Head of Marketing, Development
and ESG Metals and Minerals, Rio Tinto



SMD/FMD Luncheon

Roger Narayan,
Distinguished Professor in the Joint
Department of Biomedical Engineering,
University of North Carolina and North
Carolina State University

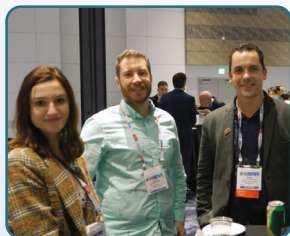


LMD Luncheon

Slade Gardner,
President and Founder, Big Metal
Additive

Visit the TMS2023 website for additional information on the speakers and their topics. You can purchase a ticket through the TMS2023 registration form to receive lunch and participate in the full event. The lecture is free for all attendees.

2 RETURNING EVENTS FROM 2022



At the TMS 2022 Annual Meeting & Exhibition in Anaheim, California, TMS introduced two new features that will return for 2023. The conference will open with a **Welcome Reception** on Sunday evening, inviting all attendees to come together to meet with old friends, make new connections, and socialize before starting the busy annual meeting week. Then, on Monday morning, attendees are invited to a **Welcome Breakfast** to start the day off right before proceeding to the day's technical sessions.

4 AWARD LECTURERS (AND COUNTING)

The following award recipients will deliver featured talks at TMS2023. Several emerging professional award speakers will also be announced in the coming months; visit the TMS2023 website for the most up-to-date information.



Extraction & Processing Division Distinguished Lecturer

Corale L. Brierley,
Brierley Consultancy LLC



William Hume-Rothery Award

Gerbrand Ceder,
Samsung Distinguished Professor of
Engineering, University of California,
Berkeley



Institute of Metals/Robert Franklin Mehl Award

Carl Koch,
Kobe Steel Distinguished Professor,
North Carolina State University



William D. Nix Award Lecturer

Eduard Arzt,
INM-Leibniz Institute for New Materials
and Saarland University

3 DAY EXHIBITION



A three-day pass to the TMS2023 Exhibit Hall lets attendees meet with exhibitors, discover new solutions and services, and socialize with fellow attendees at networking events. Plan to join your peers in the exhibit hall for networking and happy hour receptions on Monday and Tuesday during prime exhibit hours.

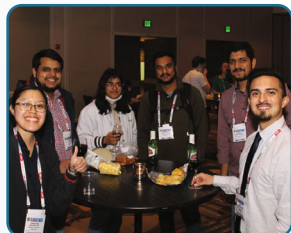
The TMS2023 Exhibition will run from Monday, March 20 through Wednesday, March 22.

11 PROCEEDINGS PUBLICATIONS

TMS2023 attendees in most registration classes receive free online access to the complete collection of proceedings publications. Before the meeting, preregistered attendees will receive information on how to download proceedings content. The following titles are planned:

- *Advances in Powder and Ceramic Materials Science 2023*
- *Advances in Pyrometallurgy: Developing Low Carbon Pathways*
- *Characterization of Minerals, Metals, and Materials 2023*
- *Energy Technology 2023: Carbon Dioxide Management and Other Technologies*
- *Friction Stir Welding and Processing XII*
- *Light Metals 2023*
- *Magnesium Technology 2023*
- *Materials Processing Fundamentals 2023*
- *New Directions in Mineral Processing, Extractive Metallurgy, Recycling and Waste Minimization: An EPD Symposium in Honor of Patrick R. Taylor*
- *Rare Metal Technology 2023*
- *TMS 2023 152nd Annual Meeting & Exhibition Supplemental Proceedings*

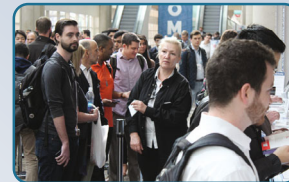
2 STUDENT COMPETITIONS



Undergraduate and graduate students always have a strong presence at TMS Annual Meetings, and TMS2023 will feature two competitions that help showcase student talent. On Sunday evening, students will take part in the **TMS Materials Bowl**, a fast-paced materials knowledge and trivia competition. Later in the week, students will have the chance to show off their work at the **Technical Division Student Poster Competition**.

Other student-specific events will include the **Student Mixer** networking event, a **Student Career Forum** panel discussion, the **TMS Bladesmithing Symposium**, and, new this year, an **Ace the Job Hunt Workshop**. Visit www.tms.org/TMS2023 for more information.

7 BENEFITS FOR HILTON SAN DIEGO BAYFRONT GUESTS



This year, the TMS headquarters hotel will be the Hilton San Diego Bayfront. Book your room at the Hilton through the TMS2023 website to take advantage of the following benefits:

- **Prime Location:** The Hilton will be the location for select programming and networking events throughout the week at TMS2023 and is the closest hotel to TMS programming and events at the convention center.
- **Convenient Registration:** A dedicated registration and hospitality desk at the Hilton lets you get your badge and other registration materials at the hotel, meaning you won't have to wait in registration lines at the convention center.
- **Expedited Service:** In addition to receiving your registration materials at the hotel, Hilton guests have access to a dedicated line at the TMS2023 registration desk in the convention center for expedited service.
- **Breakfast Discount:** Enjoy a 20% discount on the Hilton's daily breakfast buffet.
- **Amenities:** All TMS guests staying at the Hilton receive free WiFi in their guest rooms and free access to the Hilton fitness center.
- **Raffle for Those Who Book Early:** Reserve your room early and you'll be entered into a raffle to win free transportation from the airport to the hotel, a room with a scenic view of the bay, or an upgrade from a standard room to a suite.
- **Special Rates for TMS 2023 Attendees:** Book your room through TMS and our official housing provider, onPeak, at www.tms.org/TMS2023 to receive the special discounted rate for conference attendees.

1 MONTH LEFT TO REGISTER AT THE DISCOUNTED RATE

The deadline to register for TMS2023 at the discounted early registration rate is **January 31**. Be sure to make your meeting plans by this date to receive the best rate on conference attendance and to reserve your place at networking and social events.

KEY DEADLINES

Discount Registration Deadline: January 31, 2023
Housing Deadline: February 23, 2023

Meeting Dates: March 19-23, 2023
Exhibit Dates: March 20-22, 2023