



The Minerals, Metals & Materials Society

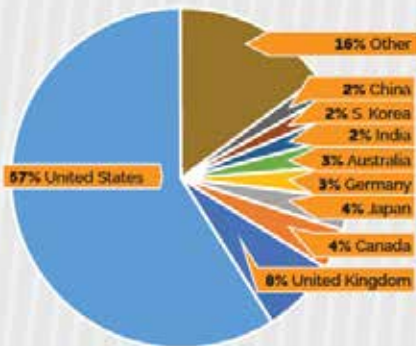
# ABOUT TMS: The Minerals, Metals & Materials Society

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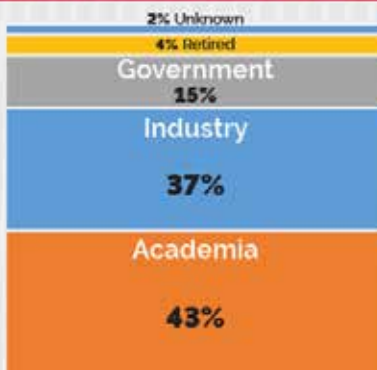
## Our Membership Totals



## Where Our Members Live



## Where Our Members Work



**The Minerals, Metals & Materials Society (TMS)** is a professional society that connects minerals, metals, and materials scientists and engineers who work in industry, academia, and government positions around the world.

We create networking, publication, and professional development opportunities by convening international conferences, publishing books and journals, administering awards, conducting short courses and training, and bringing together the professional community to address issues of common concern. We also provide leadership in the professional licensing of engineers and in the accreditation of university programs in metallurgical, materials, and similarly named engineering programs.

TMS also nurtures the next generation of science and engineering professionals through a strong student membership program in collaboration with three other professional societies.

## Technology Areas

Our members work in a variety of disciplines within the minerals, metals, and materials fields. TMS serves their technical interests through its five broadly categorized technical divisions:



**Extraction & Processing:** Covering the sustainable extraction and processing of minerals and metals from mined ores, concentrates, and recycled materials.



**Functional Materials:** Covering electronic, photonic, magnetic, and superconducting materials, as well as the materials used in packaging and interconnecting such materials in device structures.



**Light Metals:** Covering both traditional (aluminum, magnesium, beryllium, titanium, lithium, and other reactive metals) and emerging light metals (composites, laminates, etc.).



**Materials Processing & Manufacturing:** Covering manufacturing from product design to production, integrating process control technology into manufacturing, and basic and applied research into key materials technologies that impact manufacturing processes.



**Structural Materials:** Covering the varied aspects associated with the science and engineering of load-bearing materials, including studies into the nature of a material's physical properties based upon its microstructure and operating environment.



**Ellen Cerreta**  
2021 TMS President



**James J. Robinson**  
TMS Executive Director

## Key Activities

- TMS convenes two multidisciplinary annual conferences. The largest of these is the **TMS Annual Meeting & Exhibition**, which traditionally attracts more than 4,000 attendees from around the world. The second is Materials Science & Technology, organized in collaboration with multiple other materials societies. TMS also organizes several specialty meetings each year that bring together professional communities around highly focused research and industrial topics.
- TMS publishes seven technical journals, including the monthly member journal, *JOM*, as well as conference proceedings, textbooks, and other publications.
- TMS offers a growing number of **professional development opportunities**, in the form of webinars, short courses, tutorials, and workshops.
- TMS convenes respected technical experts and leaders to develop influential technology and/or roadmapping **studies and reports**, which are then made freely available to the public.
- TMS engages in relevant **public and governmental affairs issues**, offering its technical expertise as a resource to legislators and advocating for broad-based materials-related research and development.
- TMS builds **collaborations within the international professional materials science and engineering community**, with joint projects and collaborative ventures being regularly conducted with society partners throughout Asia, Europe, North and South America, Africa, and Australia.
- TMS is a leader in **diversity and inclusion initiatives**, holding a biennial summit that fosters open dialogue on the topic and sponsoring two major awards that recognize individuals who have overcome or help others overcome adversity to pursue careers in science and engineering.
- TMS is the **lead ABET society** for materials, metallurgy, and welding programs offered at universities in the United States. The TMS Professional Registration Committee prepares and manages the **Metallurgical Professional Engineering Exam** to license professional metallurgical and materials engineers in the United States.

## History

TMS's history dates back to 1871, the year that The American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) became one of the first national engineering societies in the United States. In 1957, TMS was established as The Metallurgical Society of AIME, changing its name to The Minerals, Metals & Materials Society in 1989 to reflect a broader technical scope.

## Leadership

The society is governed by a volunteer Board of Directors made up of TMS members, currently led by 2021 TMS President Ellen Cerreta. James J. Robinson is the executive director of TMS.

## Contact Us:

For more information, contact the TMS Media Relations Team at [mediarelations@tms.org](mailto:mediarelations@tms.org) or 1-724-776-9000.