



Association for Iron &  
Steel Technology

Membership  
Information





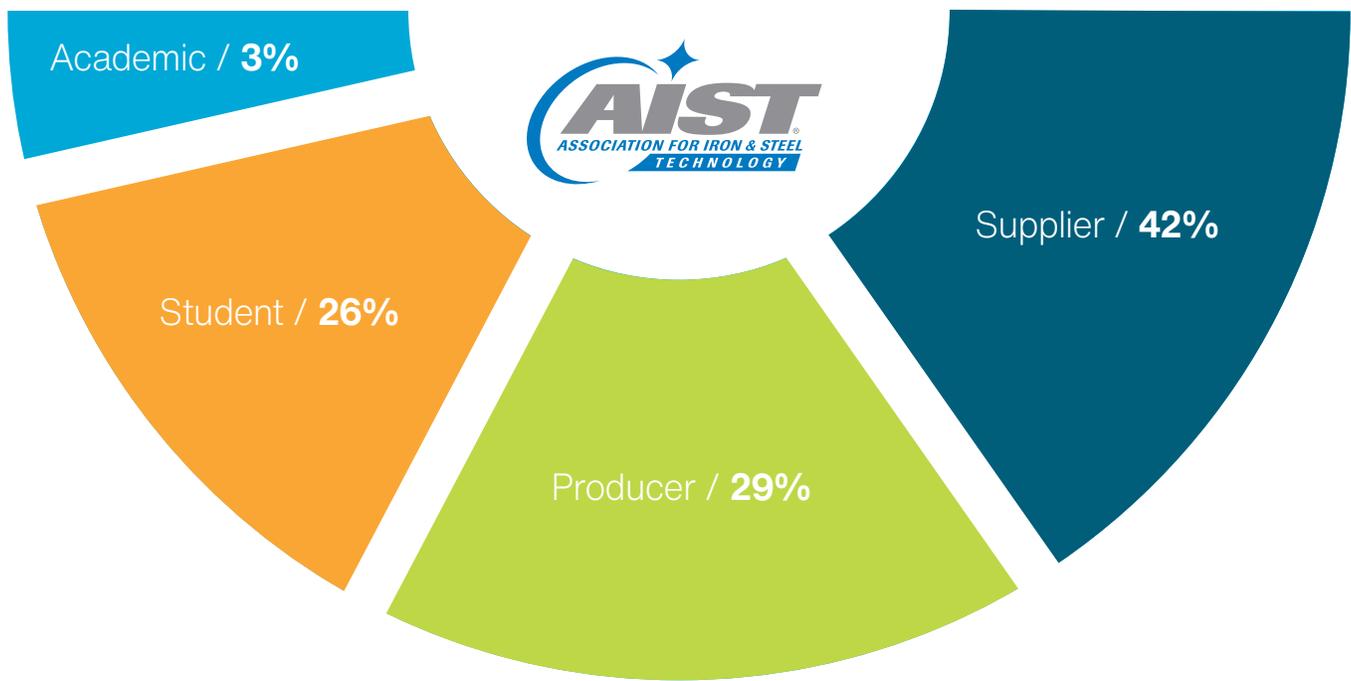
## Our Mission

To advance the technical development, production, processing and application of iron and steel



## Our Vision

To be a global leader in networking, education and sustainability programs for advancing iron and steel technology



## Who We Are

The Association for Iron & Steel Technology (AIST) is a non-profit organization with over 15,000 members from nearly 70 countries who work to advance steel manufacturing technologies. Over the past five years, AIST has averaged 200 programs with more than 26,000 participants each year.

## Member Benefits

- Access to 29 Technology Committees, the world's largest network for steel manufacturing expertise.
- Access to 22 local Member Chapters on five continents, with regional events to enhance your steel industry network.
- Discounted registration for all AIST technology training, conferences and expositions.
- Annual subscription to *Iron & Steel Technology*, the leading journal for steel manufacturing.
- Discounts on publications at AIST's online Bookstore.
- Access to the AIST Digital Library, the largest online repository of steel-related technology research.
- Insight from producers, suppliers and academia during AIST's steel industry webinars (most are free for members).

# Prepare for the Future

Each year, the AIST Foundation awards in excess of US\$750,000 for scholarships and program grants to ensure the iron and steel industry of tomorrow will have a sufficient number of qualified professionals.



## Young Professional Program

AIST offers a one-year complimentary membership to new AIST members age 30 and younger. All Young Professionals also receive a 50% discount on full conference registration for AISTech.



## Bring Your Own Young Professional

The Bring Your Own Young Professional program rewards members who bring a Young Professional to an AIST Technology Training Conference, Technology Committee meeting or Member Chapter meeting.



## Material Advantage

The student program for materials science and engineering offers networking, career opportunities and membership to AIST and three other materials organizations: ASM International, The American Ceramics Society (ACerS) and The Minerals, Metals & Materials Society (TMS).



## Steel to Students Training Program

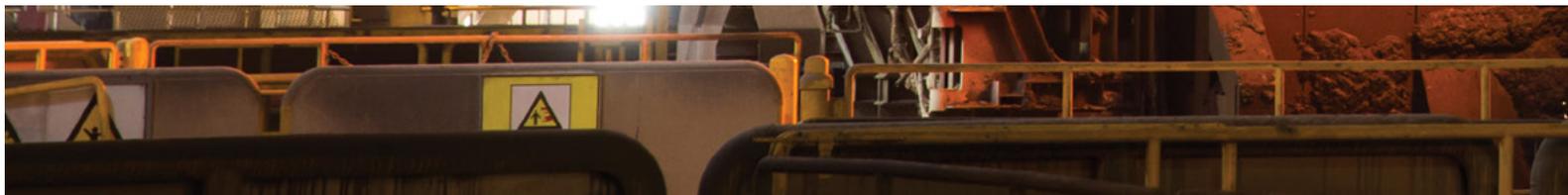
This program provides financial assistance to students to attend AIST's Technology Training Conferences and Member Chapter annual meetings that include a technical program.



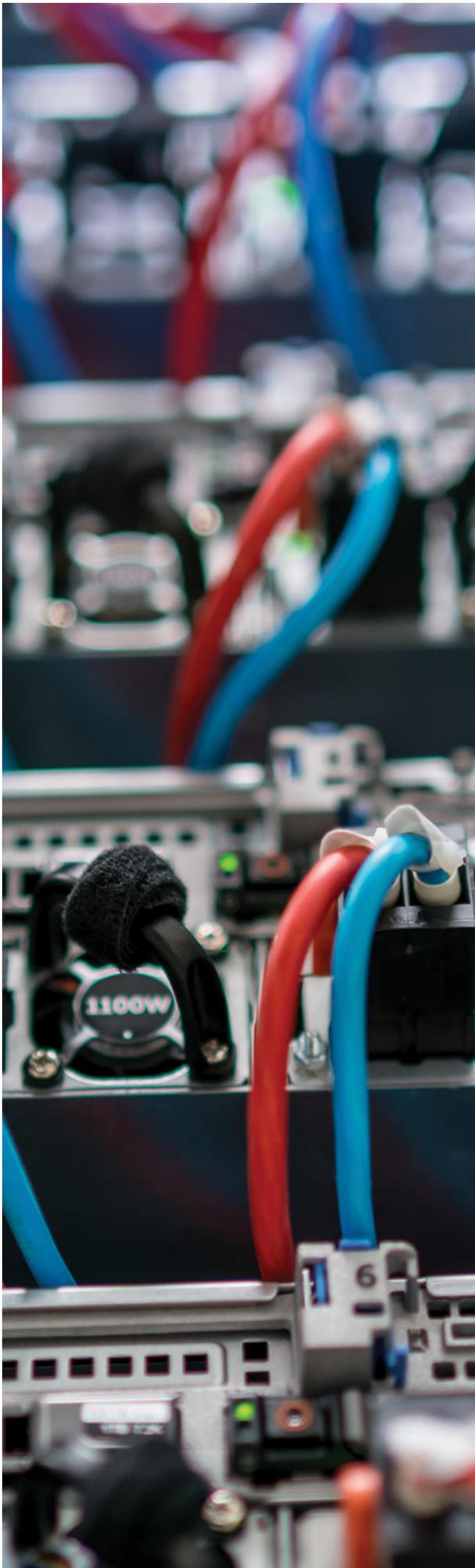


## Supercharging the Steel Manufacturing Process

Leverage collective industry expertise and access the latest research and developments through AIST's 29 Technology Committees to improve and optimize production.







## Technology Networks

The exponential growth of global crude steel production in the past 15 years has created unrivaled opportunities for personal and professional growth.

Members who serve on AIST Technology Committees become an integral part of a vital network to solve problems and advance the state of technology within the global iron and steel industry.

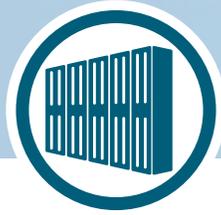
Committee activities include plant tours, study tours, conference and webinar program development, industry surveys, roundtable discussions, technical presentations, technical reports and benchmarking metrics.

# Technology Divisions and Committees



## Safety & Environment

- Safety & Health
- Environmental



## Cokemaking & Ironmaking

- Cokemaking
- Ironmaking
- Direct Reduced Iron



## Steelmaking

- Electric Steelmaking
- Oxygen Steelmaking
- Specialty Alloy & Foundry



## Refining & Casting

- Ladle & Secondary Refining
- Continuous Casting



## Rolling & Processing

- Hot Sheet Rolling
- Cold Sheet Rolling
- Galvanizing
- Plate Rolling
- Long Products
- Pipe & Tube
- Rolls
- Tinplate Mill Products



## Metallurgy

- Metallurgy – Steelmaking & Casting
- Metallurgy – Processing, Products & Applications



## Energy, Control & Digitalization

- Energy & Utilities
- Electrical Applications
- Digitalization Applications



## Plant Services & Reliability

- Project & Construction Management
- Maintenance & Reliability
- Refractory Systems



## Material Movement & Transportation

- Material Handling
- Cranes
- Transportation & Logistics



## Making Steel Smarter and Greener Through Innovation

AIST is focused on developing and disseminating knowledge and best practices relating to decarbonization and digitalization, including our Digital Transformation Form for the Steel Industry.







## Technology Training

AIST hosts a wide variety of cost-effective training programs taught by industry experts that address specific technical aspects of steel manufacturing for the global iron and steel industry. These courses provide a solid platform for workforce development and professional growth.

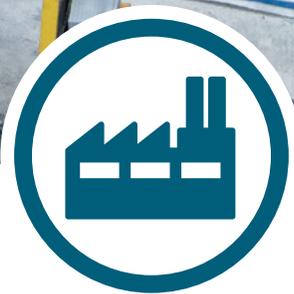
Visit [AIST.org/Calendar](https://www.aist.org/Calendar) for an up-to-date list of technology training events.





“I’ve had the great pleasure to be involved in the leadership of AIST representing the Energy, Control & Digitalization Technology Division. I have enjoyed AIST’s open-minded leadership environment and working with my colleagues, industrial professionals and AIST staff. An investment in time and energy in AIST is an investment in oneself, the company and the steel industry. I strongly encourage you to join us and grow together for the future of steel.”

Liwei Zhang,  
Lead Engineer, ArcelorMittal Global R&D — East Chicago



### Core Steelmaking Processes

Introductory-level education courses that concentrate on fundamental knowledge for iron, steelmaking, casting, rolling and processing.

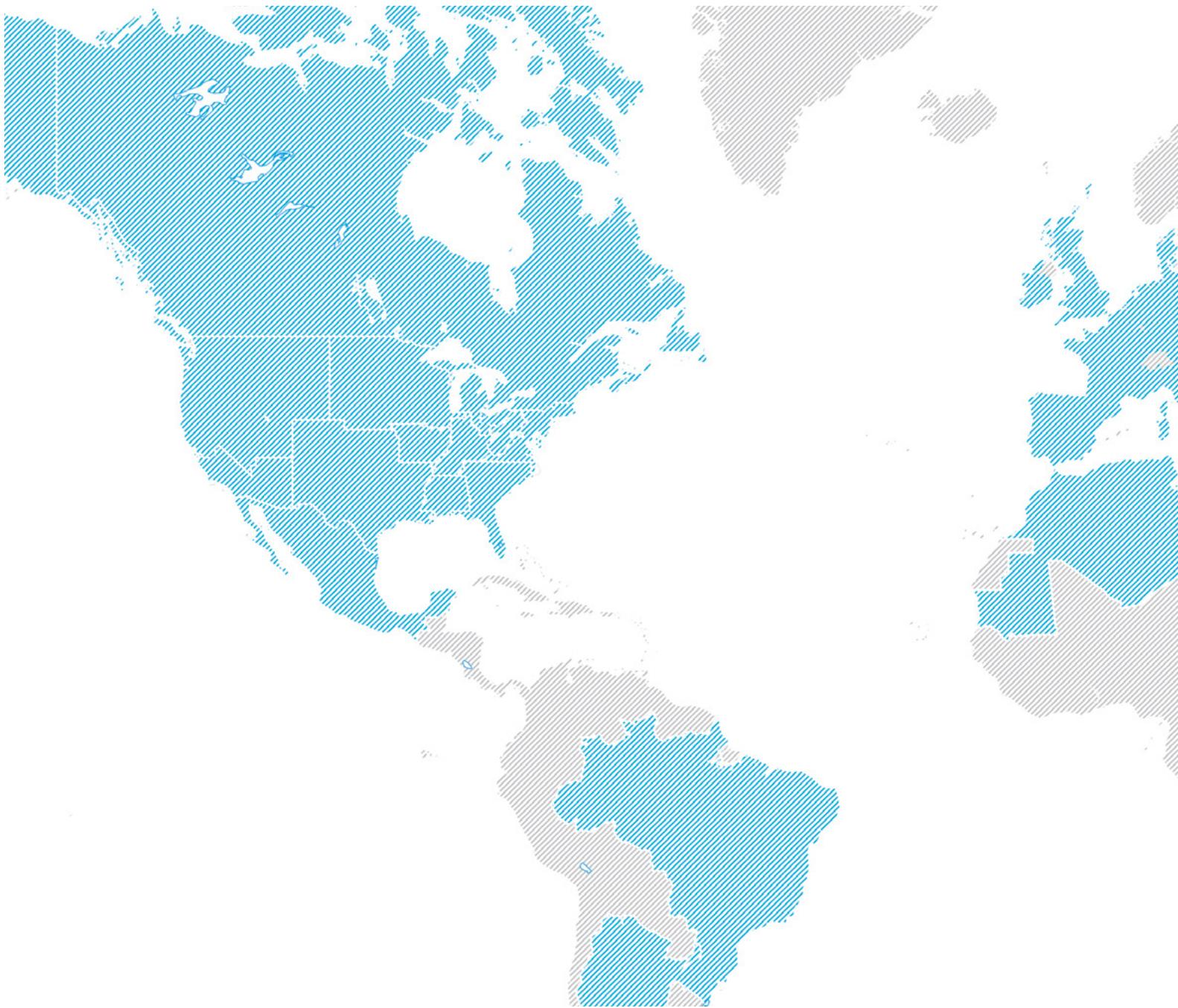
### Essential Support Systems

Topic-specific and comprehensive information on crucial aspects of steelmaking such as systems automation, energy and utilities, and material handling.

### Product & Technology Development

Advanced, research-based curriculum developed by leading experts on topics including advanced high-strength steels, scrap supplements, and long and forged products.





## Global Collaboration

A globally diversified membership is key to fulfilling the AIST mission and vision. Our programs enable professionals in the iron and steel industry and related academia from nearly 70 countries to gather in 22 regions, recognized as local Member Chapters.

AIST Member Chapters meet to exchange ideas and provide opportunities for networking among peers in your local area. Activities include technical keynote presentations, roundtable discussions, plant tours, social activities, product fairs and special programs to engage the next generation.



“The most beneficial part of being a Member Chapter officer has been the networking: meeting a lot of people in the industry that you wouldn’t normally meet on a day-to-day basis. That’s helped a lot with problem solving at the mill, so if we have an issue that we can’t solve ourselves, I’ve got a network of people that I can reach out to and ask for advice.”

**Jacob Lewis,**  
Former Birmingham Member Chapter Chair

## Local Member Chapters

### Asia

- India
- Korea

### Australia

- Australia

### Europe

- European

### Middle East and North Africa

- MENA

### North America

- Birmingham
- Detroit

- Globe-Trotters\*
- Mexico
- Midwest
- Northeastern Ohio
- Northern
- Northern Pacific
- Ohio Valley
- Philadelphia
- Pittsburgh

- Southeast
- Southern California
- Southwest
- St. Louis

### South America

- Argentina
- Brazil

\*The Globe-Trotters Member Chapter is a traveling group with events in various locations throughout the United States.



## Major Forums

AIST is committed to presenting superior conferences, expositions and technical training to better serve those involved in the iron and steel community, including steel manufacturers, suppliers, consumers and academics.

Our events provide an international forum for the exchange of ideas, experiences and knowledge.



## AISTech® – Steel's Premier Technology Event

AISTech showcases all phases of steel manufacturing through technical presentations, plant tours and the world's largest annual steel exposition.



## Materials Science & Technology Conference

MS&T includes specific steel-related symposia that explore steel grades, properties and applications.



## Regional Steel Forums

The AIST Regional Steel Forums highlight important economic and technical issues for today's steel industry. Region-specific topics of interest are discussed with emphasis on comparing and contrasting global perspectives.



## International Steel Academy

The AIST International Steel Academy provides world-class instruction unique to any other training curriculum. The academy is structured around *The Making, Shaping and Treating of Steel*® (MSTS) book series published by AIST.



# Technical Resources

Steel manufacturing is enjoying an unprecedented period of innovation. AIST provides a wide range of resources to enhance the exchange and understanding of the latest technical knowledge and industry news.

## *Iron & Steel Technology*

The premier technical journal dedicated to advancements in the global iron and steel industry, with peer-reviewed articles, the latest industry headlines, newest products and professional highlights.



## Bookstore.AIST.org

Industry-specific books and products, including hundreds of downloadable technical reference documents.

## AIST Digital Library

More than 11,000 conference proceedings papers, journal articles, industry data and monthly issues of *Iron & Steel Technology*.

## Steel News

Daily information about steel producers, suppliers, technology, trade and sustainability issues.



# Annual Dues

HIC = High-Income Country / NHIC = Non-High-Income Country

## Professional

HIC **US\$130** / NHIC **US\$78**

## Young Professional<sup>†</sup>

HIC **US\$65** / NHIC **US\$65**

## Electronic

NHIC **US\$39**

## Student<sup>‡</sup>

HIC **US\$30** / NHIC **US\$15**

Membership prices valid as of 1 December 2021. Membership discounts are available for companies that have more than 20 members. Visit [AIST.org/membership](https://www.aist.org/membership) for program details and pricing.

<sup>†</sup>Age 30 and younger. First year of AIST membership is free for new Young Professional members.

<sup>‡</sup>Student membership is part of Material Advantage. See page 5 for details.





“The Technology Committee is an innovative platform to connect academic scholars, industry peers and coworkers. The organized plant/study tours provide exceptional opportunities to explore state-of-the-art technologies and broaden your knowledge. Most importantly, you may make friends worldwide who can help with your career development.”

Judy Qiujin Li,  
Lead Research Engineer, Cleveland-Cliffs Research and Innovation Center



[AIST.org](http://AIST.org) / [memberservices@aist.org](mailto:memberservices@aist.org)