

Working for Your Future to Build a Sustainable Steel Industry



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My journey in the steel industry began during my studies in metallurgical engineering. Internships at companies like ArcelorMittal, Usiminas and Vale solidified my decision to pursue a career in this field. I have been working in the steel industry for over 15 years, both in Brazil and North America. I started with Technip, a tube manufacturing company, in 2009. In 2010, I moved to Gerdau Ouro Branco in Brazil, where I held various roles within the steelmaking area, gaining experience and exposure to different processes. In 2017, I immigrated to Canada and joined Gerdau in Ontario. Shortly thereafter, I moved to Stelco, where I have been working for the past seven years.

My involvement with AIST began in 2018, driven by my interest in the Technology Committee activities, networking possibilities and the opportunity to keep up with cutting-edge technological developments in the steel sector. I became a member of several Technology

Committees, including Oxygen Steelmaking, Continuous Casting and Ladle & Secondary Refining. Among these, the Oxygen Steelmaking Technology Committee (OSTC) captured my interest the most. Since joining the OSTC in 2018, I have been actively involved in committee meetings and events. In 2023, I became the membership chair, followed by the position of papers chair in 2024.

Being a member of the Technology Committees has been immensely beneficial both personally and professionally. It has allowed me to build strong relationships with peers and meet colleagues from the steel industry. Through committee meetings and events, I have had the opportunity to visit multiple plants across North America and Europe. These interactions have been invaluable for my professional development, providing me with exposure to conferences and technical presentations, and engaging in technical discussions. Staying updated with the latest technologies and participating in study tours and benchmarking activities have been crucial for my growth. A highlight of my participation in Technology Committees includes receiving the 2022 Richard J. Fruehan Award for the best process metallurgy technical paper for my work as co-author on “Mathematical Modeling of Residence Time Distribution in a Twin-Strand Slab Caster Tundish.”

Some of my best memories from being part of the OSTC and other committees stem from the committee meetings. The technical discussions and presentations are incredibly enriching, providing deep insights into the latest technologies and challenges in steelmaking. Touring various steel plants has also been a standout experience, offering firsthand exposure to best practices and the technological advancements in the industry. Furthermore, the networking events during committee meetings and AISTech have been invaluable for connecting with peers worldwide and exchanging experiences.

For AIST members considering joining a Technology Committee, I highly recommend it. It is a fantastic way to connect with people in the same area of expertise, enhance professional development and expand your network. Moreover, it provides opportunities to visit different steel plants and stay up to date with the latest developments in the industry. Joining a Technology Committee can significantly enrich your career and provide numerous opportunities for growth and learning. ♦

Interested in joining one of AIST's 29 Technology Committees?

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