



Sara Hornby

Sara received her B.Sc. (Hons.) and British Steel Corp. (BSC)-sponsored Ph.D. at Sheffield Hallam University, holds five patents, and has published or presented more than 120 papers, seminars and courses internationally. Her career includes R&D, applied R&D, new technology development, marketing, and knowledge exchange through networking with academia, colleagues, OEMs, students, and metallurgical plant operators. After beginning her steel industry career in the U.K. (Firth Brown Tools, BSC), she moved to North America, where she has predominantly offered operating practice innovations and process optimization solutions to steel mills from Air Liquide, Goodfellow Technologies, Midrex Technologies Inc., Linde Gases, Process Technology International (now INTECO PTI), TMS

International and her own consulting company, Global Strategic Solutions Inc.

As a member of AIST and its predecessor, the Iron & Steel Society (ISS), she served on the ISS Board of Directors (BOD); the University-Industry Relations Roundtable; Ironmaking, Electric Steelmaking and DRI Technology Committees; and chaired the Process Technology Division and the BOD International Affairs Committee. Her steel industry involvement and contributions were acknowledged in 2020 through the American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) Benjamin F. Fairless Award and the John Bell Award from the AIST Electric Steelmaking Technology Committee.

Challenged to pursue a metallurgy career, Hornby prides herself in being a trailblazer for women in the iron and steel industry.