This announcement will serve as the first call for papers. Please submit abstracts of 150 words or less at AIST.org under Conferences & Expositions. Deadline for submission is 1 November 2018. Be sure to include the following information when submitting your abstract:

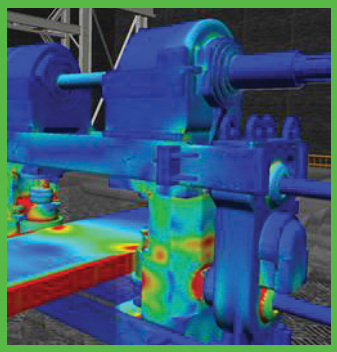
- Author(s), Company Affiliation(s) and Job Title(s)
- Contact Address: City, State/ Province, Zip/Postal Code, Country
- Contact Telephone Number and Email Address
- Paper Title and Abstract (150 words or less)

Abstract Submission Deadline:
1 November 2018

Abstract Acceptance:
30 December 2018

Manuscript Due Date:
1 April 2019

General information and registration details will be available at AIST.org.



THE 8TH INTERNATIONAL STEELSIM CONFERENCE

13–15 AUGUST 2019

TORONTO, ONT., CANADA

ABOUT THE PROGRAM

The 8th International Conference on Modeling and Simulation of Metallurgical Processes in Steelmaking (STEELSIM2019) will be held 13–15 August 2019 in Toronto, Ont., Canada. STEELSIM is a serial international conference that has been held every two years since 2005.

The important role of modeling and simulation of metallurgical processes has achieved worldwide acknowledgment, especially in optimizing technological processes, reducing production costs and increasing steel quality. Powerful computational methods provide an in-depth understanding of experimental findings and guide further experimental work. Modeling and simulation promise possible solutions, even breakthroughs, for the future development of the steel industry.

STEELSIM2019 will be an excellent venue for producers, academia, researchers and engineers from around the globe to exchange recent developments and information on issues related to modeling and simulation of metallurgical processes. We welcome you to participate in this advanced conference and are looking forward to meeting you in the summer of 2019.

SCOPE

Submissions are currently being accepted for papers on all aspects related to new developments in modeling and simulation of metallurgical processes in steelmaking from around the world, including: Modeling and Simulation of Liquid Metals — ironmaking and steelmaking, refining of steels and other metal alloys, thermodynamics and kinetics, electrochemistry of metals and slags; Steel Processing Technology — casting and solidification, metal forming processes and thermomechanical treatment, welding, heat treatments, phase field simulation; Design of Steels — steel design and product development, physical metallurgy of steels, integrated computational materials engineering , properties prediction, big data mining and applications; Performance, Application and Environmental Impact — fatigue, fracture and other service safety simulation, reduction of environmental impact, and life cycle assessment.

WHO SHOULD SUBMIT

Both producer and user perspectives are desired, as well as academia and other researchers. Abstracts of 150 words or less should be submitted electronically at AIST.org under Conferences & Expositions (AIST.org/conference-expositions).

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