



First Announcement / Call for Papers

HSLA Steels 2022

The 8th International Conference on High Strength Low Alloy Steels

— Advanced Steels & Processing Technologies

November, 2022

Nanjing, Jiangsu Province, China

Organized by



The Chinese Society for Metals

Co-organized by



ANSTEEL Group

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Niobium N₂

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Vanitec-CISRI Vanadium
Technology Center



The Vanadium International
Technical Committee

Conference Website: www.hslasteels2020.com

General Information

The 8th International Conference on High Strength Low Alloy Steels (HSLA Steels 2022) — Advanced Steels & Processing Technologies will be held in Nanjing, Jiangsu Province, China in November, 2022. The quinquennial HSLA Steels conference series has been successfully organized by The Chinese Society for Metals in Beijing (1985, 1990, 1995, 2011), Xi'an (2000), Sanya (2005) and Hangzhou (2015) since 1985 and grown into the leading platform for scientific and technological exchange in HSLA steels.

During the past five years, increasing demand from the automotive and the structural engineering sectors, which are the chief consumers of the product in the HSLA steels, as well as oil & gas and other industrial sectors has boosted the rapid growth of the market for HSLA steels. Steel manufacturers are constantly seeking the possibility of increasing strength and improving the fabrication and service performances at a lower cost. HSLA Steels 2022 will focus on the latest scientific and technological progress on advanced steels and metallurgical processing over the past decades.

Due to the present situation of COVID-19, the format of presentation for HSLA Steels 2022 will be mainly on-site communication combined with on-line presentation (by VCR) from the overseas speakers who are not possible for international travel in the period of HSLA Steels 2022.

Topics

The topics of HSLA Steels 2022 is made up of, but is not limited to:

A. Physical Metallurgy

- Alloy Design
- Mechanism of Strengthening, Plasticity and Toughening
- Big data, Simulation and Modeling

B. Products for Automotive, Infrastructure and Maritime Industry

- Plates and Strips
- Long Products
- Cast and Forged Steels

C. Performance, Safety and Application

- Formability and Weldability

-- Hydrogen Embrittlement and Corrosion Resistance

-- Life Cycle Assessment (LCA)

D. Process Technologies for High Quality

-- Steelmaking, Secondary Refining and Continuous Casting

-- TMCP and Heat Treatment

-- TSCR, Endless Rolling, Strip Casting

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Vanitec-CISRI Vanadium Technology Center

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Abstract Submission

All contributions on the theme of the conference as described previously are welcomed. Prospective authors are invited to submit an abstract of 300 words (in English) by **April 15, 2022** through the conference website: www.hslasteels2020.com. The abstract should provide sufficient information for a fair assessment.

Official Language

Official language for the conference is English and Chinese.

Conference Secretariat

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