

First Announcement / Call for papers



The 1st International Conference on Marine Metal Material and Application (CMM2020)

June 21-24, 2020 Anshan, CHINA

Organized by



The Chinese Society for Metals



Ansteel Group Corporation Limited

Sponsored by



State Key Laboratory of Metal Material for Marine Equipment and Application

Conference Website: www.cmm2020.com

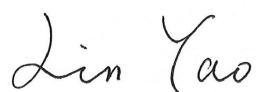
Invitation to Conference

The 1st International Conference on Marine Metallic Materials and Applications (CMM2020) will be held on June 21-24, 2020 in Anshan, China. CMM2020 will be jointly organized by The Chinese Society for Metals and Ansteel Group Corporation Limited and sponsored by State Key Laboratory of Metal Material for Marine Equipment and Application.

Expanding demand for marine resources is driving rapid growth of the blue ocean economy, which boosts the development of high-performance materials for marine applications. Marine metallic materials which are environmental friendly with higher safety and longer service life are required. Relevant industries are transforming and upgrading in manufacturing technology, developing new products, applying new equipment and constructing major projects. For cost-efficient application in the harsh marine environment, materials with high strength, toughness, corrosion and fatigue resistance and good weldability are desired.

CMM2020 aims to bring together professionals and experts around the world to share their knowledge and experience on recent advances and innovations in materials and technology for marine applications. Topics of interest for submission include but are not limited to high-performance metallic materials, welding technology and materials, and corrosion and service performance evaluation. The conference will promote academia-industry cooperation as well as the cooperation between steel industry and shipbuilding/offshore industry.

We warmly welcome you to participate in this advanced conference and look forward to meeting you in Anshan.



Executive Chairman of CMM2020
Vice President of The Chinese Society for Metals
President of Ansteel Group Corporation Limited
Oct. 21, 2019

Topics

1. Metal Materials

Metal materials used in infrastructure, sub-sea pipeline, shipbuilding, offshore platform and cryogenic equipment application, including but not limited:

- High Strength Low Alloy (HSLA) Steels
- Stainless Steels and Corrosion-Resistance Alloys
- Titanium Alloys
- Cladding Metals
- Powder Metallurgy
- Additive Manufacturing Materials and Other Metals

2. Welding Technology and Materials

- Welding Metallurgy and Weldability
- High-efficiency Welding Technology
- Advanced Welding Materials and Evaluation

3. Corrosion and Service Performance Evaluation

- Electrochemical Corrosion and Erosion-Corrosion
- SCC, Hydrogen Embrittlement and Corrosion Fatigue
- Marine Fouling Organism Corrosion
- Anti-corrosion New Technology
- Fitness for Service of Marine Engineering Equipment

4. Classification and Specification

Conference Structure

Honorary Chairman

Yuqing Weng The Chinese Society for Metals

Conference Chairman

Yong Gan The Chinese Society for Metals

Conference Executive Chairman

Lin Yao Ansteel Group Corporation Limited

International Advisory Committee

Wolfgang Bleck	Professor	RWTH Aachen University, Germany
David Embury	Professor	McMaster University, Canada
Baorong Hou	Academician	Chinese Academy of Engineering, China
Xinping Mao	Academician	Chinese Academy of Engineering, China
Guodong Wang	Academician	Chinese Academy of Engineering, China
Hengyi Zeng	Academician	Chinese Academy of Engineering, China
Lian Zhou	Academician	Chinese Academy of Engineering, China

International Organizing Committee

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Vice-Chairman

Dade Zhang (Ansteel Group Corporation Limited), China

Members

Guocai Chai (Sandvick), Sweden

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Duanfeng Han (Harbin Engineering University), China

Enhui Han (Institute of Metal Research, Chinese Academy of Sciences), China

Jose Ibabe (Centro de Estudios e Investigaciones Técnicas de Gipuzkoa), Spain

Zhouhua Jiang (Northeastern University), China

Xiaogang Li (University of Science and Technology Beijing), China

Matthias Militzer (University of British Columbia), Canada

Rafael Mesquita (CBMM), Brazil

Chengjia Shang (University of Science and Technology Beijing), China

David N Seidman (Northwest University), USA

Zhiling Tian (China Iron and Steel Research Institute Group), China

Lifeng Zhang (Ansteel Group Corporation Limited), China

Peng Han (Ansteel Group Corporation Limited), China

Local Technical Committee

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Ziping Ren (Ansteel Group Corporation Limited)

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Zhenyu Liu (Northeastern University)

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Rongqing Na (Dalian Shipbuilding Industry Co.,Ltd.)

Yiyin Shan (Institute of metal research, Chinese Academy of Sciences)

Li Tang (Ansteel Group Corporation Limited)

Yao Teng (CIMC-Raffles)

Changshun Wang (Ansteel Group Corporation Limited)

Minglin Wang (Luoyang Ship Materials Research Institute)

Hongbin Weng (Hudong Zhonghua Shipbuilding (Group) Co., Ltd.)

Caifu Yang (China Iron and Steel Research Institute Group)

Zhongwu Zhang (Harbin Engineering University)

Jie Zhao (China Classification Society (CCS))

Secretary General

Chengjia Shang (University of Science and Technology Beijing)

Deputy Secretary General

Qingyun Sha (Ansteel Group Corporation Limited)

Qing Song (The Chinese Society for Metals)

Changshun Wang (Ansteel Group Corporation Limited)

Conference Venue

Dong Shan Hotel, Anshan City, Liaoning Province, CHINA

Call for Papers

All contributions on the theme of the conference as described previously are welcome. The official language of the conference is English. Prospective authors are invited to submit an abstract of 300 words (in English) by **February 15, 2020** through the conference website: www.cmm2020.com. The abstract should provide sufficient information for peer review.

Important Date

Abstract Submission Deadline: February 15, 2020

Notification to Authors: March 30, 2020

Final Announcement: April 15, 2020

Conference Secretariat

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