

Second Announcement & Call for Papers



WSE2025



10th International Conference on Welding Science and Engineering

Aug. 8-11, 2025, Beijing, China

Organized by

- Manufacturing Technology for Automotive Structural Parts, Ministry of Education, Beijing University of Technology, China
- Beijing Institute of Petrochemical Technology, China

Co-Organized by

- Chinese Welding Society
- China Welding Association
- China Electrotechnical Society Welding Technology Committee

Collaborative organization

- Osaka University (WSE2005, WSE2011, WSE2019)
- Xi'an Jiaotong University (WSE2005)
- Beijing University of Technology (WSE2007)
- Shanghai Jiaotong University (WSE2009)
- Harbin Institute of Technology, Weihai (WSE2013)
- Tsinghua University (WSE2015)
- Shandong University (WSE2017)
- Harbin Institute of Technology (WSE2023)

Conference Chair:

Shujun Chen, Beijing University of Technology, China

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Sanbao Lin, Harbin Institute of Technology, China

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Xiaoyan Li, Beijing University of Technology
Zhuguo Li, Shanghai Jiao Tong University
Ruifeng Li, Jiangsu University of Science and Technology
Yuting Yang, Harbin Welding Institute
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Aiping Wu, Tsinghua University
Peng He, Harbin Institute of Technology
Guisheng Zou, Tsinghua University
Xiaoguo Song, Harbin Institute of Technology (Weihai)
Lixia Zhang, Harbin Institute of Technology
Jianxun Zhang, Xi'an Jiaotong University
Hui Chen, Southwest Jiaotong University
Chuansong Wu, Shandong University
Lianyong Xu, Tianjin University
Mingliang Huang, Dalian University of Technology
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Tiesong Lin, Harbin Institute of Technology
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Yuhua Chen, Nanchang Hangkong University

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Masakazu Shibahara, Osaka Prefecture University, Japan
Yuming Zhang, University of Kentucky, USA

Date and Location

Date: August 8-11, 2025

Venue: International Exchange Center of Beijing University of Technology (No.100 Pingleyuan, Chaoyang District, Beijing, China)

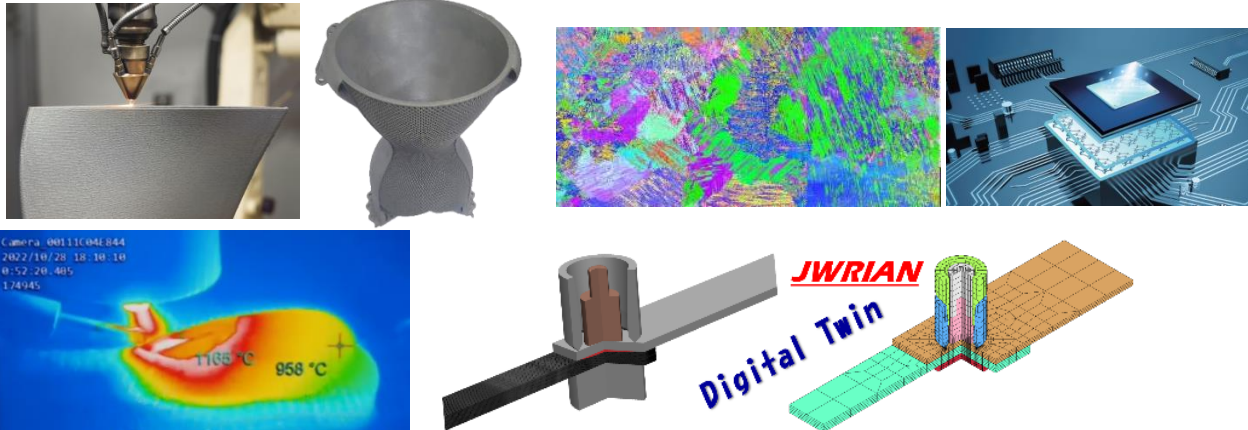
Aims and Scopes

Emergence of new material and structure always stimulates rapid development of welding & joining technology. To enhance the scientific research and engineering applications of welding & joining technology, also to provide a platform for discussions among researchers and industrial partners, the “10th International Conference on Welding Science and Engineering (WSE2025)” will be held focusing on further development of the research field. This year’s conference subjects on “Advances in Welding Science and Engineering”, and will bring together welding & joining researchers and engineers from industry, academia and laboratories to discuss the cutting-edge

progress in the field of welding science and engineering. We warmly welcome participants all over the world to this academic event.

Topics

- Advanced welding technology and metallurgy
- Structure, quality, safety and reliability
- Brazing, diffusion bonding and micro-nano bonding
- Additive manufacturing and intelligent welding
- Welding under extreme conditions and environment



Plenary Lectures

- (1) Topic: Research progress of welding technology under extreme conditions in China;
Presenter: Academician Guoqing Wang, China Aerospace Science and Technology Corporation.
- (2) Topic: Hybrid additive manufacturing. improving the process efficiency;
Presenter: Prof. Dmitriy Trushnikov, Perm National Research Polytechnic University, Russia.
- (3) Topic: Flat hardness joints by solid-state welding;
Presenter: Prof. Hidetoshi Fujii, Osaka University, Japan.
- (4) Topic: Additive manufacturing in metals from its very beginning to dozens of companies;
Presenter: Prof. Reinhart Poprawe, RWTH Aachen University, Germany.
- (5) Topic: Embodied intelligent robots for future manufacturing;
Presenter: Prof. Xiaoqi Chen, Fellow of Royal Society of New Zealand and Fellow of Engineering New Zealand.
- (6) Topic: Electromagnetic pulse welding -principle, understanding, capabilities, challenges;
Presenter: Prof. Amitava De, Indian Institute of Technology (IIT) Kharagpur, India.
- (7) Topic: Welding performance and structural reliability of steels in cryogenic environments;
Presenter: Prof. Myung Hyun Kim, Pusan National University (PNU) South Korea.
- (8) Topic: Wire arc additive manufacturing-standard development and qualification process;
Presenter: Prof. Huijun Li, University of Wollongong, Australia.
- (9) Topic: Interface nano structure control has the key for power and AI semiconductors;
Presenter: Prof. Katsuaki Suganuma, Osaka University, Japan.
- (10) Topic: Evolution and development of advanced welding in Beijing University of Technology;
Presenter: Shujun Chen, Beijing University of Technology, China.

Abstract

On-line abstract submission will be available from March 10, 2025. Expanded abstracts of less than 1 page including graph abstract should be submitted electrically extending to June 25, 2025. The paper title, author(s) name(s) with their affiliation(s) and the keywords should be entered. Acceptance of an abstract for presentation will be based on a rigorous review, and authors will be notified by July 5, 2025.

The scope of essay writing includes but is not limited to technical papers related to the theme of the sub-venue. Other papers related to welding or cross-cutting fields are welcome to be submitted. The conference will open a new sub-venue for communication according to the submission of papers.

Visit website for more information about abstract submission: <http://wse2025.sdlm.cn/>

Presentation and poster

The conference consists of oral presentations and posters. Authors can indicate their preference when submitting their abstract. English will be the language for presentations and printed materials. A number of invited lectures will be scheduled. Detailed instructions will be provided on the website: <http://wse2025.sdlm.cn/>

Best presentation award will be issued to some excellent students (including post-doctor).

Important Dates

Abstract Submission deadline (extending): June 25, 2025

Notification of Acceptance: July 5, 2025

Final Program on Website: July 15, 2025

Fees

Overseas	Attendee	300 USD
	Student	200 USD
	Accompanying personnel	200 USD
Local	Attendee	2000 RMB
	Student	1500 RMB
	Accompanying personnel	1500 RMB

Contact

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