

CDSM2026



The 3rd International Conference on Computational Design and Simulation of Materials



TMS
The Minerals, Metals & Materials Society



August 28-30, 2026
Shenyang, Liaoning Province, China

Invitation to CDSM2026

The 3th International Conference on Computational Design and Simulation of Materials (CDSM 2026) will be held on August 28-30, 2026 in Shenyang, Liaoning Province, China, which is organized by The Chinese Society for Metals (CSM) and The Minerals, Metals, and Materials Society (TMS), co-organized by Institute of Metal Research, Chinese Academy of Sciences (IMR, CAS). CDSM Conferences take turns to be held in China and USA.

CDSM 2026 will build on the success of the inaugural Computational Design and Simulation of Materials (CDSM) meeting, convened by CSM, TMS and IMR in 2015 in Shenyang, China, by TMS and CSM in 2018 in Phoenix, Arizona, USA. After discussed by the leadership of CSM and TMS, the 3th CDSM Conference will be held in 2026. Through invited talks by the leading experts, as well as contributed participations from the global technical community, CDSM 2026 will highlight materials research and innovations for a wide breadth of computational design and simulation.

We kindly invite you to participate in this meaningful conference and looking forward to meeting you in Shenyang, China

Topics

The Conference will cover topics concerning the following issues:

- Multi-Scale modeling and simulations
- Interface computational simulations
- High throughput computations
- Computational design

- Microstructural-level simulations
- Processing and manufacturing simulations
- Big data
- AI for Materials
- AI for processing technology

Committees

Conference Chairs

Dianzhong Li (IMR, CAS), China

Song-Mao (Simon) Liang (Computherm LLC), USA

Representing CSM

Zhiling Tian (The Chinese Society for Metals (CSM)), China

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

Xing-Qiu Chen (IMR, CAS), China

Wei Xu (Northeastern University), China

Representing TMS

Yunzhi Wang (The Ohio State University), USA

Katsuyo Thornton (University of Michigan), USA

Lichao Fang (Worcester Polytechnic Institute), USA

Andrew Hoffman (University of Missouri), USA

Call for Papers

Abstract Submission

All contributions to the theme of the conference, as described previously, are welcome.

Prospective authors are invited to submit an abstract of 200 words (in English) to the conference secretariat through the conference website www.cdsm2026.com **before June 30, 2026**. The

abstract should provide sufficient information for a fair assessment.

Official Language

Official language for CDSM2026 is English.

Important Dates

- Abstract Submission Deadline: June 30, 2026
- Conference Registration: August 27, 2026
- Conference: August 28-30, 2026

About Shenyang

Shenyang, the capital of Liaoning Province, is the political, economical, cultural, financial, military and commercial center as well as the hub of national transportation and communication. Shenyang is also an important gateway of the country as well as the biggest city in the Northeastern region of China. Shenyang is located in the southern part of Northeast China. It consists of plains in the central part, mountains and hills in the southeastern part, while the Liaohe River, Hunhe River, and the Xiushuihe River run through the entire city.

Shenyang is the largest railway, highway and air transportation hub of Northeast China. It is the home to the largest civil airport. The Shenyang Taoxian International Airport enjoys prior geographical location which is located at the center of the Shenyang economic zone and about 20 kilometers from downtown Shenyang. It is the largest aviation hub of the northeastern region, which is connecting to more than 50 domestic cities and 30 countries, such as Korea, Japan, Singapore, Malaysia, Russia, Germany, Thailand, the United States, Canada, France, and Australia. The inter-city transportation is well developed which covers almost the whole city. There are two subway lines available in the city and the other lines are under construction.

Shenyang is an important industrial base as well as the well-known Chinese city in history and culture. There are world cultural heritages such as Shenyang Imperial Palace, Fu Mausoleum and Zhao Mausoleum. The main tourist spots are magic slope, Qipanshan Mountain Scenery Zone, Shenyang West Lake, Taiqing Temple, Xinle Relic, Cien Temple, South Mosque, Nanguan Church, Steam Locomotive Exhibition Hall, Museum of Marshal Zhang's Residence, etc.



Conference Secretariat

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