

Materials branch of Chinese society of Mechanical Engineering

Notice of the second round of "the 9th National Symposium on physical and numerical simulation of materials and the 6th Gleeble User Conference

Relevant units:

The Ninth National Conference on physical and numerical simulation of materials and the sixth Gleeble user conference, CO sponsored by the materials branch of the Chinese society of mechanical engineering and Kunming University of technology and hosted by the school of materials science and engineering of Kunming University of technology, will be held in Kunming, Yunnan Province from July 27 to 30, 2023.

The purpose of this meeting is to combine the urgent demand for physical simulation and numerical simulation technology in the field of new material development and processing in China (including metallurgical process, material preparation, compression plastic processing, welding, casting, heat treatment, additive manufacturing and other new processes), and focus on the basic theory of physical simulation and numerical simulation technology in related fields, the test and application of physical simulation and numerical simulation, the development and application of simulation software And the common problems of achievement transformation and industrialization. During the conference, Gleeble user exchange and training activities will be

held. Institutions of higher learning, scientific research institutes, enterprises, equipment manufacturers and software companies are welcome to actively participate.

The relevant matters are hereby notified as follows:

1、Conference organization

Organizer: Kunming University of
science and technology,
materials branch of
China Society of
Mechanical Engineering

Organizer: School of materials science and engineering, Kunming University of Technology

Co organizer: National Key Laboratory of material forming

and die technology (Huazhong University of
science and Technology), School of material
science and engineering, Harbin Institute of
Technology

College of materials science and engineering, Henan University
of science and technology

Institute of metals, Chinese Academy of Sciences

Dynamic Systems Inc

2、President of the general assembly

Chairman: Niu

Jitai Vice

Chairman: Yi

Jianhong

3、Director of Academic Committee

**(arranged according to
surname strokes):**

yangyuansheng

Deputy director: Zhang Mei, hepenglei, Yongping

Members: Ding Yutian, Ma Yutian, Wang Xiaonan, Shi Xiang, Liu Zuyan,

Liu Chunfeng, Liu Dexue, Sha Gang, Du Wenbo, Li Jinfu, Li
mengbie, Yang Kaihuai, Zhang Jie, Zhang Shangzhou, Chen Xu,
Chen Fuxiao, Zhou Guangtao, Zhou Cunlong, Zhou Jixue, Zhou
Xu, Zhou Xianliang, Zheng Yueqiang, Qu Chaoxia, Zhao Qi, Zhao
Hai, Dong Zhao Yan, Luo Zongan, Gao Zeng, Chang Yunlong,
Peng Ping

4、Director of the Organizing Committee (arranged according to the strokes of surnames): **limengbie**

Deputy director: zhoujianxin, chenweichang, Zeng Jianmin

Members: Bu Hengyong, mabaoyu, Wang Chengqi, Wang Haiyan, Wang

Daoyuan, Feng Xiaohui, Liu Junzhao, Tang Fuling, Xing Li, Li
Shaohong, Li Jun, Yang Hongmei, Yang Xiaoyi, Zhang Chi, Zhang
Yan, Chen Xuan, Chen Xuejun, Zou Aihua
Zhengshanju, linpanpan, linjianlu, xinjincheng, zhouhongwei,
huyong, huzengrong, duanyonghua, Jiazhi, gujianfeng,
Qianzhuo, yinfengliang, yinyajun, meiruibin, pengmingjun,
chengdongfeng, leiqian

5、Conference theme

1. The basic theory and development trend of physical simulation and numerical simulation in the fields of materials, metallurgy and hot processing;

2. The physical simulation test carried out on the thermal / mechanical simulation testing machine and other hot processing test equipment, and the application of physical simulation technology in the field of new material development and hot processing (including pressure processing, welding, casting, heat treatment, surface modification and other new processes);

3. Numerical simulation in the fields of material preparation, metallurgical process and thermal processing, development and application of numerical simulation software, computational materials science;

4. Application of expert system and artificial intelligence technology in the field of materials, monitoring, prediction and control of product quality;

5. Function development of thermal / mechanical simulation testing machine equipment, development and application of physical simulation testing technology;

6. Development of potential of steel materials, magnesium alloys, aluminum alloys, titanium alloys, high temperature alloys and other materials;

7. New energy materials and technology, new material electronic packaging technology; Coupling study of materials and environment;

8. Other types of advanced materials include non-metallic materials, such as ceramics, non-metallic matrix composites, and the preparation and processing of polymer materials.

6、Conference essay solicitation

1. Articles that meet the theme of the conference and have not been published in domestic and foreign journals or collections of papers can be submitted. Please pass the conference website before the deadline <https://cpns2023.casconf.cn> Online contribution; Please upload the abstract or full text of the paper to the conference website as required.

The abstract shall indicate: title, author's name, author's unit, abstract content (in Chinese and English), etc.

The paper shall indicate: title, author's name, author's unit, abstract, key words, introduction, text, conclusion and references; See the Journal of mechanical engineering materials for the detailed format.

2. The articles (abstract or full text) accepted at the meeting will be included in the "Proceedings of the 9th National Conference on physical simulation and numerical simulation of materials and hot processing", and the excellent articles will be recommended to the core journal of mechanical engineering materials for publication. Deadline for soliciting papers: June 30, 2023.

3. Meeting time and place

Time: July 27-30, 2023, all day report on July 27.

Location: Kunming Jiahua Plaza Hotel (address: No. 157 Beijing Road, Guandu District, Kunming, Yunnan Province; Tel: 0871-63562828).

4. Agenda

time	Activity arrangement	place
All day on July 27	Representative check in	Hall on the second floor of

		Jiahua Hotel
Morning of July 28	Report of the opening ceremony of the conference	Jiahua hotel meeting room
July 28 afternoon	Branch venue Report	Jiahua hotel meeting room
Morning and afternoon of July 29	Branch venue Report	Jiahua hotel meeting room
Morning of July 30	Visit Kunming University of Technology	
Afternoon of July 30	Delegates leave the meeting	

7、Conference registration and fees

The conference entrusted Yunnan xiaomuchong conference and Exhibition Co., Ltd. to undertake conference reception services, hotel coordination, collect conference fees and issue invoices for conference fees.

During the meeting, the transportation and accommodation expenses of the participants shall be borne by themselves. The expense standard of the Conference Hotel Kunming Jiahua Plaza Hotel is: 380 yuan / room per day for both standard room and single room (special price for the conference, including double breakfast), which can be booked through the receipt of the conference.

The conference registration fee is charged as follows:

Representative type	Registration and payment before July 1	Registration and on-site payment after July 1
official	2000 yuan /	2200 yuan / person

delegate	person	
Student represent ative	1200 yuan / person	1400 yuan / person

Collection account: please indicate the 9th simulation

meeting - name - company name when remitting

account opening bank: Ping An Bank Kunming Branch

Business Department

Account Name: Yunnan

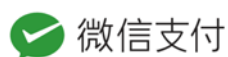
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Exhibition Co., Ltd. account

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Transportation route to the conference hotel Jiahua Hotel:

Kunming Changshui International

Airport - Kunming Jiahua Plaza Hotel:

27km, 35 minutes' drive, about 65

yuan

Public transportation: Metro Line 6 (on the airport central station, 7 stations) - tangzixiang station to transfer to Metro Line 2 (in the direction of Huancheng South Road, 1 station, under the entrance / exit D of Huancheng South Road) - walk 400 meters to the hotel

Kunming South Railway Station - Kunming Jiahua Plaza Hotel

Taxi: 28km, 50 minutes' drive, about 80 yuan

Public transportation: Metro Line 1 (on Kunming South Railway Station, 16 stations) - get off at Huancheng South Road Station (exit d)
- walk 400 meters to the hotel

Kunming Station - Kunming

Jiahua Plaza Hotel Kunming

Station Exit walk 700 meters

to the hotel

8、Contact information of conference affairs group

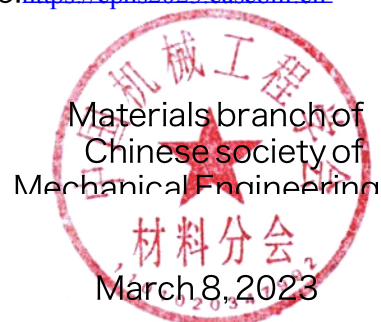
Buhengyong: 15096649358, buhengyong@kust.edu.cn

Fengxiaohui: 13609838580, xhfeng@imr.ac.cn

9、 Attendance receipt

Please fill in the attendance receipt and send it to the email address of the conference affairs group before July 1., especially those who intend to make academic presentations must fill in the attendance receipt. 10、 Conference website
buhengyong@kust.edu.cn

For more information, see the conference website:<https://cpns2023.casconf.cn>



Receipt of "the 9th National Conference on physical and numerical simulation of materials and the 6th Gleeble User Conference

order No	name	Mobile number	Title / position	Work unit	Academic or not report	Title of academic report (this item is not required for academic report)
Room reservation			<input type="checkbox"/> standard room between <input type="checkbox"/> single room between			

Note: (1) please send the completed receipt to buhengyong@kust.edu.cn

(2) If the participants have personal travel plans, the meeting will only provide consultation. Contact person: Bu Hengyong 15096649358).