

Second Circular and Call for Papers

**Symposium on Coolant Chemistry, Corrosion
and Materials Reliability in Nuclear Power
plants in Asia - 2026 (ACC 2026)**

**Venue: Shenyang Rich Gate Hotel, No. 128 Haerbin Road,
Shenyang, P.R. China**

Date: 13-15th October 2026

Website: <https://acc2026.casconf.cn/>



Organized by

Institute of Metal Research (IMR), Chinese Academy of Sciences (CAS)

Sponsored by

Chinese Academy of Sciences (CAS)

National Natural Sciences Foundation of China (NSFC)

Key Laboratory of Nuclear Materials and Safety Assessment, IMR, CAS

CNNC - CAS Joint Key Laboratory for Nuclear Materials and Safety Assessment

Liaoning Key Laboratory for Safety and Assessment Technique of Nuclear Materials

About the Symposium

Symposium on Coolant Chemistry, Corrosion and Materials Reliability in Nuclear Power plants in Asia-2026 organized by IMR, CAS is scheduled to be held on 13-15th October 2026 in Shenyang, P.R. China. The symposium is held every two years alternately in Japan, Korea, China, India, and Taiwan. The objectives of the symposium are to exchange technical information, operational experiences and latest research findings among engineers and researchers of utilities, vendors, research institutes and universities and to enhance the international cooperation in the fields of reactor chemistry, corrosion and materials reliability in nuclear power plants (NPPs) as well as to promote research and development of nuclear materials, safety assessment and corrosion damage mitigation techniques to ensure the safety and reliability of NPPs. We are looking forward to seeing you in Shenyang in October 2026.

Topics

- **SMR or micro reactors and advanced reactors**
 - Material design, property and service performance in SMR, LFR, MSR, SFR and GFR coolant environments, *etc.*
- **Operational experiences in water reactor NPPs**
 - Chemistry and corrosion of PWRs, BWRs, PWHRs, ABWR, *etc.*
- **Materials and reliability in water reactor NPPs**
 - Material problems of key components, materials degradation in key components, mitigation and prevention of materials degradation, assessment of life, safety and reliability of key components, *etc.*
- **Coolant chemistry and fuel performance**
 - Coolant chemistry modifications, corrosion release rate, fuel performance, crud related fuel performance, chemistry issues related to plant aging, high burn-up, longer cycle operation and power uprating, *etc.*
- **Radiation reduction and decontamination**
 - Radiation field reduction, dose rate control, chemical decontamination and cleaning, decontamination and cleaning, coolant purification, monitoring systems, *etc.*
- **Waste management, storage and others**
 - Waste reduction and treatment technologies, environmental issues, *etc.*
- **Simulating and monitoring technologies**
 - On-line coolant chemistry controlling techniques, instrumentation and monitoring techniques, in-situ measurement and analysis technologies, advanced analytical techniques, corrosion or coolant chemistry related measuring device and simulating equipments, *etc.*

- **Fundamental studies and future technologies**

- Corrosion thermodynamics and kinetics, coolant radiolysis, impact of coolant additives, theoretical modeling, chemistry of super-critical water, fast reactors, high-temperature reactor, molten salt reactor, ADS, *etc.*

Working Language

English is the working language. Presentations both in oral and poster sessions will be given in English.

Key Dates

- Abstract submission deadline: May 15, 2026
- Author notification & preliminary Program: May 30, 2026
- Full manuscript submission deadline: June 30, 2026
- Early-bird registration deadline: June 30, 2026
- Regular registration deadline: August 31, 2026

Submission of Abstract

Participants who are willing to contribute papers to the symposium in either oral or poster form are advised to send an English abstract (300 words max.) to the website by **May 15, 2026**. Please specify your presentation preference (oral presentation or poster) at the end of the abstract to arrange the preliminary program.

To: Symposium Program Committee E-mail: zyzhang14b@imr.ac.cn or
jbtan10s@imr.ac.cn or
bqxue19s@imr.ac.cn or
snow@imr.ac.cn or
xqwu@imr.ac.cn

Submission of Full Manuscript

Deadline for submission of full manuscripts or presentation materials is June 30, 2026. Your manuscript is requested to be submitted to the website by the date. Please use specific template for the draft paper. You can download the template on the website. A full manuscript is recommended for all the oral and poster presentations. Confirmation e-mail will be sent within one week after your submission.

Registration

Symposium registration will be accepted on a registration page of the website of AWC 2026 that will be opened from now on. Deadline of the early registration will be June 30, 2026. Details will be announced soon on the website and 2nd circular. You can request a visa letter if needed by sending your request to snow@imr.ac.cn.

Registration Fee

- Early-bird registration for AWC 2026: ¥2,500 RMB
- Late registration for AWC 2026: ¥3,000 RMB
- Students for AWC 2026: ¥1,500 RMB

Registration fee includes participation in all technical sessions, a welcome reception dinner and a banquet.

Payment Information

Pay in RMB (For Chinese Attendees)

1. Scan the QR code online to pay by Alipay & WeChat Pay



Please be sure to include "ACC2026 + Institution + Name "when paying.

开具电子发票请将如下信息发送至邮箱 snow@imr.ac.cn:

姓名	缴费金额	发票抬头	税号	发票类型	收件邮箱
				普票/专票	

2. On-site registration

You can pay the fee in cash or by swiping a Credit card (POS machine) at the registration site.

Pay in Other Currencies (For Foreign Attendees)

All foreign attendees have to pay the registration fees by the way of bank transfer. Please remark as "Registration fee for ACC 2026"

Foreign Attendees Remitting Information:

Name of Account / 账户名称: Institute of Metal Research, Chinese Academy of Sciences 中国科学院金属研究所

Address / 地址: No.72 Wenhua Road Shenhe District, Shenyang 110016, P.R. China

Account Number / 账号: 3301007309264003079

Bank of Deposit / 开户银行: Industrial and Commercial Bank of China, Liaoning Province Branch 中国工商银行辽宁省分行

SWIFT No. / 银行代码: ICBKCNBJLNP

Address of Bank / 开户行地址: NO. 9 Youhao ST. Shenhe Dis. Shenyang City, P.R. China 中国沈阳市沈河区友好街 9 号

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M. Wright	Canada Nuclear Laboratory, Canada

Accommodation

It is strongly recommended to stay at the Shenyang Rich Gate Hotel, which is within of the meeting site. The rooms have been reserved at special meeting group rates which will be closed on August 31, 2026.

Hotel Address:

No. 128 Haerbin Road, Shenyang, Liaoning Province, P.R. China

Check-in time: 14:00, check-out time: 12:00, cancellation policy: 24 h,
phone: +86-24-22598888

Room Type (B&B)	Room Rate
Single Room (one bed)	RMB 330/room/day
Twin Room (two beds)	RMB 350/room/day



For Chinese Attendees

To make the hotel booking please scan QR Code as follows.



For Foreign Attendees

Please send the following booking information to email: sonw@imr.ac.cn

Name	Room Type	Check-in Date	Check-out Date
	Single Room/Twin Room		

Transportation

【Location】

128 Haerbin Road, Shenhe District, Shenyang, Liaoning Province, China

【Directions】

► **Shenyang North Railway Station**

(1) Take Metro Line 2 (towards Taoxian Airport), get off at Financial Center Station (Exit D), then walk 100 meters.

(2) Take Bus No. 203, get off at Huafu Tiandi South Station, then walk 100 meters.

► **Shenyang Railway Station**

(1) Take Metro Line 1 (towards Liming Square), transfer to Metro Line 2 (towards Taoxian Airport) at Qingnian Street Station, get off at Financial Center Station (Exit D), then walk 100 meters.

(2) Take Bus No. 262, get off at Huafu Tiandi South Station, then walk 100 meters.

► **Shenyang Taoxian International Airport**

Distance from the airport: 26 km

Drive Time: 45 mins

Transportation: There are three ways to reach to the hotel from Shenyang Taoxian International Airport.

1. By Subway: Take Metro Line 2 (towards Putian Road), get off at Financial Center Station (Exit D), then walk 100 meters.

2. By Taxi: The taxi station is located in the underground parking garage of the airport terminal T3, please queue up for the taxi, if you need one.

- Total cost: around 110 CNY
- Operating time: 24 hours

You can show this note to the driver and it will be helpful ~~~

Please take me to the Shenyang Rich Gate Hotel, Thank you!

Tel (电话) : 22598888

请送我到沈阳华府酒店, 谢谢! (哈尔滨路 128 号)

3. By conference special shuttle: We will arrange the shuttle bus for the attendees on the **12th October** at 3 hours intervals as follows.

Departure time (from the airport)	Gathering venue
11:00	Terminal 3, Gate No.4
14:00	Terminal 3, Gate No.4
17:00	Terminal 3, Gate No.4
20:00	Terminal 3, Gate No.4



【位置】 沈河区哈尔滨路128号

【路线】

沈阳北站

- (1) 乘地铁2号线(桃仙机场方向), 金融中心站下(D口), 步行100米。
- (2) 203 路在华府天地南站下车, 下车后步行100米。

沈阳站

- (1) 乘地铁 1号线(黎明广场方向), 在青年大街站换乘地铁2号线, (桃仙机场方向), 金融中心站下(D口), 步行100米。
- (2) 262 路在华府天地南站下车, 下车后步行100米。

沈阳桃仙国际机场

- 乘地铁2号线(蒲田路方向), 金融中心站下(D口), 步行100米。



大堂



客房



餐饮



会议



健身



亲子

酒店电话 024 | **2259 8888** 沈阳市沈河区哈尔滨路128号



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More information about the meeting please visit our website:

<https://acc2026.casconf.cn/>