



22nd International Conference on the Physics of Highly Charged ions (HCl2026), Sep. 7-11, 2026, Institute of Modern Physics, Chinese Academy of Sciences, Huizhou, China

First Announcement

The 22nd International Conference on the Physics of Highly Charged ions will be hosted from September 7 to 11 2026 by Institute of Modern Physics, Chinese Academy of Sciences at the Shuangyue bay resort place in Huizhou, China. We cordially invite you to HCl2026. As a prominent event in the international HCI conference series, HCl2026 will offer a global forum for researchers to share and discuss the latest breakthroughs in the field of highly charged ions (HCIs). Since its inception in 1982, the biennial HCI conference series has continuously evolved, attracting scientists from diverse disciplines around the world.

HCl2026 aims to bring together experimentalists and theorists to explore a broad spectrum of topics, including:

- Fundamental Aspects, Structure, and Spectroscopy
- Collisions with Electrons, Ions, Atoms, and Molecules
- Interaction with Clusters, Surfaces, and Solids
- Interactions with Photons and Plasmas
- Strong Field and Ultrafast Processes
- Production, Experimental Developments, and Applications

The conference will feature a single-session format, ensuring that every participant has the opportunity to engage in all discussions. Additionally, ample space will be provided for poster presentations, allowing researchers to present their findings.

We eagerly anticipate welcoming colleagues from around the world to HCl2026. Together, we will engage in stimulating discussions, share new insights, and advance the understanding of highly charged ions in this rapidly evolving field.

The scientific program will consist of Review Lectures, Progress Reports, selected talks, local reports, poster presentations, and public lecture. More detailed information concerning the scientific program, registration, abstract submission, and accommodation can be found on the workshop website:

<https://indico.impcas.ac.cn/e/HCl2026>

Proceedings:

The HCl2026 conference proceedings will be published as a special issue of the journal

Nuclear Instruments and Methods B: Beam Interactions with Materials and Atoms.
All manuscripts submitted to the HCI2026 proceedings will be subject to the same high standard papers refereeing as that of regular papers submitted to NIMB.
Submission Open Date: September 1st, 2026

Local Organizer Committee (LOC):

- **Chair:** Xinwen Ma (IMPCAS)
- **Co-chairs:** Xiangjun Chen (USTC), Jianguo Wang (IAPCM)
- **Secretaries:** Shaofeng Zhang (IMPCAS), Weiqiang Wen (IMPCAS)
- **LOC Members:**

Lin Chen (LZU),	Xiaobin Ding (NWNU),	Hua Guan (APM),
Zhimin Hu (SCU),	Guixun Liang (NAOC)	Lijun Mao (IMPCAS),
Jieru Ren (XJTU),	Xueguang Ren (XJTU),	Caojie Shao (IMPCAS),
Maogen Su (NWNU),	Liangting Sun (IMPCAS),	Baoren Wei (FDU),
Yong Wu(IAPCM),	Shenyue Xu (IMPCAS),	Xinliang Yan (IMP)
Jie Yang (IMPCAS),	Ke Yao (FDU),	Jianmin Yuan (JLU),
Weimin Zhou (LFRC),	Linfan Zhu (USTC),	Xiaolong Zhu (IMPCAS)

Important Dates

Second announcement: March 2026

Final announcement: July-August 2026

Registration open June 2026

Abstract submission: June 2026

Manuscript submission open date: September 1st, 2026

International Advisory Board

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Contact: hci2026@impcas.ac.cn

Dusit Thani Sandalwoods Resort, Shuangyue Bay, Huizhou
<https://www.dusithuizhou.cn/>



West Lake and Shuangyue Bay, Huizhou



QR Code for HCI2026

