

The 1st Announcement

The 6th International Conference on Matter and Radiation at Extremes

ICMRE2023

June 5-9, 2023

Zhuhai, China

The 6th International Conference on Matter and Radiation at Extremes (ICMRE2023) will be held from June 5th to 9th, 2023 in Zhuhai, China. ICMRE2023 will be hosted by Science and Technology on Plasma Physics Laboratory and the Department of Astronomy, Beijing Normal University, and will be supported by the journal [Matter and Radiation at Extremes \(MRE\)](#).

The International Conference on Matter and Radiation at Extremes (ICMRE) is an international conference convened periodically since 2016. The 1st (ICMRE2016), 2nd (ICMRE2017), 3rd (ICMRE2018) and 4th (ICMRE2019) were held successfully in Chengdu, Beijing, Tsingtao and Hefei China, respectively. The 5th ICMRE was postponed to 2022 and was held virtually. It will provide an opportunity to discuss the latest results of physics, technology and applications in the area of matter and radiation at extremes.

The details of ICMRE2023 can be explored on the websites:

<http://icmre2023.mre.org.cn>

<http://icmre2023.aconf.org> (backup).

Topics covered

Fundamental Physics at Extreme Light
Inertial Confinement Fusion Physics
Radiation and Hydrodynamics
High Pressure Physics and Materials Science

Important dates

Abstract Submission Deadline: April 15th, 2023

Acceptance Notification Date: May 15th, 2023

Conference Starting Date: June 5th, 2023

Abstract template please refer to Appendix C.

Registration fee

- Early Bird-Online Registration before April 30th, 2023:
Regular: ¥3,000 RMB or \$500 USD
Student: ¥1,500 RMB or \$250 USD
Companion: ¥1,000 RMB or \$175 USD
- Registration after May 1 2023 and on-site registration:
Regular: ¥4,000 RMB or \$600 USD
Student: ¥2,500 RMB or \$400 USD
Companion: ¥1,000 RMB or \$175 USD

Awards

- MRE Young Scientist Award

MRE Young Scientist Award (MRE YSA) is a worldwide campaign, aiming to stimulate young scholars worldwide to deliver their important, original and innovative achievements in the fields of science and technology on matter and radiation at extremes. This event is initiated by the AIP academic journal Matter and Radiation at Extremes in 2019. In 2023, the 4th MRE Young Scientist Award contest will be held online via MRE Webinars, and winners will be invited to take part in the prize presentation at ICMRE2023.

MRE YSA is open for application now. The deadline for application is March 31, 2023.

More detail please refer to the following webpage:

<https://aip.scitation.org/mre/info/youngscientist>

- Best Poster Award

All contributors for poster presentation are welcome to apply for the Best Post Award. More detail please refer to the conference website.

MRE Forum

The international forum, sponsored by MRE, will engage experts worldwide with each presenting views and background information on selected topic. After presentations of views there will be discussion among the experts and audience questions.

Hosts

Science and Technology on Plasma Physics Laboratory
Department of Astronomy, Beijing Normal University

Co-Hosts

Matter and Radiation at Extremes

Institute of Applied Physics and Computational Mathematics

Institute of Fluid Physics, China Academy of Engineering Physics

Chairs

General Chair: Weiyan Zhang (张维岩)

Co-Chairs: Michel Koenig, Ho-Kwang Mao (毛河光)

Local Chairs: Zongqing Zhao (赵宗清), Jiayong Zhong (仲佳勇)

Scientific Committee

Chair: Stefan Weber, Dieter Hoffmann, Ke Lan (蓝可), Baifei Shen (沈百飞)

Members (in alphabetic order): Alessandra BENUZZI-MOUNAIX, Lihua CAO (曹莉华), David CRANDALL, Jianjun DENG (邓建军), Yongkun DING (丁永坤), Amina HUSSEIN, Dominik KRAUS, Kuo LI (李阔), Tatiana PIKUZ, Bhuvana SRINIVASAN, Jianguo WANG (王建国), Qiang WU (吴强), Hong XIAO (肖宏), Baohan ZHANG (张保汉)

Contact

Coordinators: Ms. Ying Huang (黄颖), Ms. Zhiruo Zhang (章芷若)

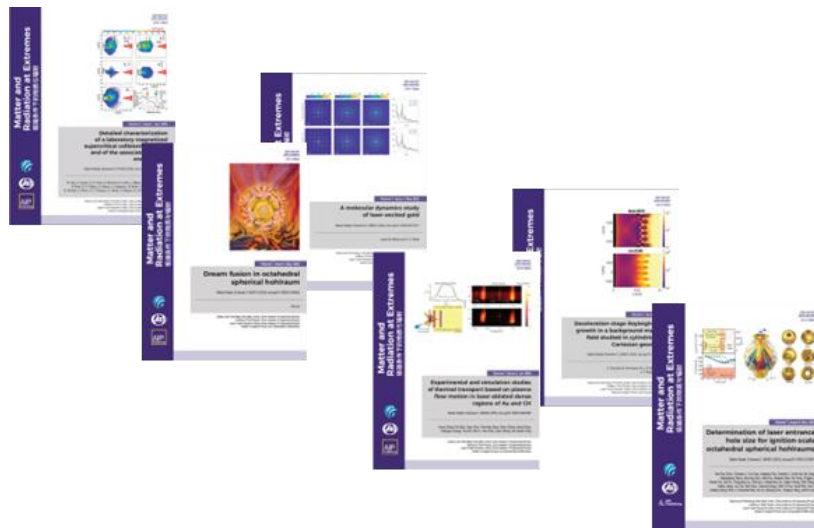
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Appendix A: Introduction to Matter and Radiation at Extremes (MRE)

Matter and Radiation at Extremes (MRE) is committed to the publication of original research and comprehensive and in-depth review papers in all areas of experimental and theoretical physics on matter and radiation at extremes. It is a peer-reviewed, fully open-access, bimonthly journal debuted in 2016. It has been indexed in Science Citation Index Expanded and Ei Compindex, with Journal Impact Factor (2021) of 6.089.

Learn more please visit: <https://aip.scitation.org/journal/mre>.



Appendix B:

Zhuhai—A Livable Garden City Linked by Hong Kong-Zhuhai-Macau Bridge

Located at the southern tip of the Pearl River Delta of Guangdong Province, Zhuhai is one of the seven special economic zones in China. It faces Hong Kong to the east across the sea and joins Macau to the south and Zhongshan to the north. The completion of the Hong Kong-Zhuhai-Macao Bridge makes Zhuhai the only city in the mainland connected to Hong Kong and Macao by land. The 55 kilometers (22 miles) long bridge shortens the time for land transportation between Zhuhai, Macao and Hong Kong from 3 hours to 45 minutes. Zhuhai is a gardenlike coastal city with 146 charming islands. There are not only long coastlines and excellent beaches, but also a large number of parks which are scattered in every corner of the city and open to tourists free of charge. "Livable" is the label of Zhuhai. It has always been rated as Livable City, Garden City or Happy City, which has also become a highlight of Zhuhai's tourism.



Appendix C: Abstract template

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[1] a reference here