

# OMEG 2024

The 17th  
international symposium on Origin of  
Matter and Evolution of Galaxies

September 8-13, 2024  
Chengdu, China

## Second Circular

This is the second announcement of the 17th international symposium on Origin of Matter and Evolution of Galaxies (OMEG2024) which will be held in Chengdu, China on September 8-13, 2024. As you may know, the symposium will be the 17th in a series being held almost every other year since 1988 to discuss the subjects of nuclear astrophysics and related fields. Please visit the website for further information:

<https://indico.impcas.ac.cn/event/54/>

### The main topics to be covered are as follows

- Big Bang Cosmology and Primordial Nucleosynthesis
- First Generation Stars and Galactic Chemical Evolution
- Astronomical Observations with Light, X-Ray, Gamma-Ray, and Cosmic-Ray
- Stellar Evolutions and Hydrostatic Burning Processes
- Experimental Nuclear Physics for Astrophysics
- Theoretical Nuclear Physics for Astrophysics
- Explosive Stellar Objects and Nuclear Physics
- Meteorite Analysis and Isotopic Abundance
- Nuclear Matter and Neutron Stars
- Nuclear Data for Astrophysics and Related Topics
- Underground nuclear astrophysics

### Important Dates:

- March 1, 2024: Start of registration and abstract submission open
- July 6, 2024: Third circular
- July 31, 2024: abstract submission closed
- August 15, 2024: Final circular, Conference program announced
- September 8 -11, 2024: OMEG24 Symposium
- September 12-13, 2024: Workshop/site tour for underground nuclear astrophysics and CJPL-JUNA

## Registration and Abstract submission

Registration for OMEG XVII will be available on our indico webpage from March 1. Please visit the website <https://indico.impcas.ac.cn/event/54/> for registration and abstract submission. Please note that abstract submission deadline is July 31, 2024. Contributors will be informed of the decisions on invited/oral/poster presentations in mid-August.

Registration fee:

Early bird registration fee (paid before August 15): 300 USD or 2200 CNY

Regular registration fee: 400 USD or 2900 CNY

Undergraduate and graduate students: 220 USD or 1600 CNY

The registration fees will cover the symposium reception, coffee breaks, lunch and banquet. Online payment of the registration fee will be open from March 1 to August 31.

The details for payment of the registration fee will be released on the indico webpage.

The registration fees can also be paid at the registration desk. The registration desk will be open at the hotel during the symposium.

The fee for an accompanying person is 100 USD(or 700 CNY) (covers only reception and banquet).

## Venue

Symposium venue: CYNN HOTEL (Xanadu Hotel , Chinese First Han&Tang Dynasty Culture-themed hotel, 成都世外桃源酒店)

Address: No. 69 North Kehua Road (Kehua Bei Lu), Wuhou District, Chengdu, Sichuan, 610065, China (四川省成都市武侯区科华北路69号 610065)

About 30 minutes by taxi/bus from the Chengdu Shuangliu International Airport to the Hotel.

## OMEG School

OMEG XVII School for graduate students and young postdocs will be held during Sept. 2 - 6, 2024 at Peng Huanwu Collaborative Center for Research and Education, Beihang University in Beijing, hosted by Institute for Nuclear Astrophysics of China (INAC) and OMEG XVII. The school consists of the lectures by senior scientists on the current topics and the basics of nuclear astrophysics and cosmology and the student presentations based on activities with several group projects during the school. The school provides good opportunity for the participants to make presentation, discuss science and collaborate with one another in the group activities. The details will be announced on the symposium web site and in the forthcoming circular.

## Underground workshop/ site tour to CJPL-JUNA

A workshop will be held on September 13 for underground nuclear astrophysics at China Jinping Underground Laboratory (CJPL) and nuclear astrophysics experiment JUNA.

Transportation from Xichang City to underground laboratory will be provided. The details will be announced in the forthcoming circular and will be updated on the indico page.

## **Proceedings**

The conference proceedings will be published in electronic form or in form of online collection of presentation based on discussion of IAC. Further information on the manuscript preparation will be provided in the forthcoming circular.

## **Visa**

If you need assistance during the visa process, please contact

[OMEG2024@sustech.edu.cn](mailto:OMEG2024@sustech.edu.cn)

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### **Contacts**

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