

OMEG 2024

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

September 8-14, 2024
Chengdu, China

First Circular

This is the first announcement of the 17th international symposium on Origin of Matter and Evolution of Galaxies (OMEG2024) which will be held in Chengdu, China on September 8-14, 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.

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
- Neutron Star and High Density Matter
- Nuclear Data for Astrophysics and Related Topics
- Nuclear Physics in r-process
- Exotic nuclear matter in neutron stars
- Underground nuclear astrophysics experiment

Important Dates:

- February 1, 2024: Second circular
- February 15, 2024: Start of registration
- March 1, 2024: Abstract submission open
- June 30, 2024: Abstract submission closed
- July 31, 2024: Conference program announced
- September 8-14, 2024.: OMEG24 Symposium

Registration, Fees, and Abstract

The details of the call for abstracts, the instructions for abstract submission, the registration fees for the symposium, and the instructions for their payment will be announced in the second circular and will be posted on the symposium web site.

OMEG School

A summer school will be held prior to the symposium for graduate students and young postdocs. The school will provide lectures on basics and the current subjects in nuclear astrophysics. The summer school provides good opportunity for the participants to present and discuss their works, too. The details will be announced in the forthcoming circular and on the symposium web site.

Workshop

A workshop will be held after the symposium for underground nuclear astrophysics, which will last about 2-3 days. The workshop will be held in China Jinping Underground Laboratory(CJPL). The details will be announced in the forthcoming circular and on the symposium web site.

Proceedings

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