

Origin of Elements and Cosmic Evolution 2025 First Circular

Dates November 9–14, 2025

Venue 6th floor, Peng Huanwu Collaborative Center for Research and Education, Beihang University, Beijing, China

Overview

This is the first circular of the [Origin of Elements and Cosmic Evolution 2025](#) (OECE2025). This event will be held at Beihang University (BUAA) in Beijing, China, from November 10 to 14, 2025. The event consists of:

Pre-workshop School (Nov. 10–12, 2025) designed for **students and early-career researchers**, providing a broad introduction to nuclear astrophysics and cosmology, as well as frontier developments. Lectures will be delivered by distinguished international experts:

- ***High-resolution spectroscopy & Stellar abundances***
Lecturer: *Andreas Korn (Uppsala University)*
- ***Stellar evolution***
Lecturer: *Xiaoting Fu (Purple Mountain Observatory, CAS)*
- ***Nuclear physics***
Lecturer: *Longjun Wang (Southwest University)*

In addition to lectures, the program will include a visit to the **LAMOST (Nov. 12, 2025)**, offering participants the opportunity to gain first-hand experience with one of the world's largest optical telescopes.

Workshop (Nov. 13–14, 2025) bringing together leading scientists worldwide to discuss recent progress on the origin of elements and cosmic evolution.

We look forward to your participation in this interdisciplinary and high-impact event. Please stay tuned for further announcements regarding registration deadlines, abstract submission guidelines, and the full workshop schedule.

Key Topics

The workshop will focus on (but is not limited to):

- High-resolution spectroscopy and stellar abundances
- Galactic archaeology and chemical evolution
- Stellar evolution, supernovae, and compact objects
- Heavy element nucleosynthesis (r-, i-, s-, and p-processes)
- Nuclear physics & Nuclear reactions for astrophysics
- Neutrinos and weak interactions in astrophysics

Important Dates

- September 1, 2025: Start of Registration & Call for Abstract
- November 1, 2025: End of Registration
- November 10-12, 2025: OECE2025 School
- November 12, 2025: A visit to LAMOST in Xinglong, Hebei
- November 13-14, 2025: OECE2025 Workshop

Registration fee

The registration fee is **500 RMB**. The event includes lunches, a banquet, and excursion.

Local Organizing Committee

Ruizheng Jiang (National Astronomical Observatories, Chinese Academy of Sciences)

Zhenyu He (Beihang University)

Yudong Luo (Peking University)

Hongrui Gu (National Astronomical Observatories, Chinese Academy of Sciences)

Yangming Lin (National Astronomical Observatories, Chinese Academy of Sciences)

Guo Li (National Astronomical Observatories, Chinese Academy of Sciences)

Linjing Qi (Beihang University)

Xinxu Wang (Beihang University)

Social Organizing Committee

Toshitaka Kajino (**Co-chair**, IRCBBC, Beihang University)

Weiping Liu (Southern University of Science and Technology)

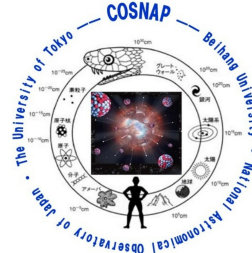
Jianrong Shi (National Astronomical Observatories, Chinese Academy of Sciences)

Xiaodong Tang (Institute of Modern Physics, Chinese Academy of Sciences)

Haining Li (**Co-chair**, National Astronomical Observatories, Chinese Academy of Sciences)

Host & Sponsor

Peng Huanwu Collaborative Center for Research and Education and School of Physics, BUAA
National Astronomical Observatories, Chinese Academy of Sciences
Institute for Nuclear Astrophysics of China (INAC)
Cosmology and Nuclear Astrophysics (COSNAP)



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