

OMEG15

The 15th International Symposium on Origin of Matter and Evolution of Galaxies

<http://www2.yukawa.kyoto-u.ac.jp/~omeg15/> ome2019@gmail.com

Second Circular

Dear Colleagues,

This is the second circular to announce the 15th International Symposium on Origin of Matter and Evolution of Galaxies (OMEG15), which will be held at the Yukawa Institute for Theoretical Physics (YITP), Kyoto University on July 2—5, 2019. This symposium is a part of the series that started in 1988. Recent OMEG symposiums were held at Tsukuba, Japan (2013), Beijing, China (2015), and Daejeon, Korea (2017).

The OMEG15 symposium will provide a forum for researchers from various fields such as nuclear physics, particle physics, astronomy, astrophysics, earth and planetary physics to discuss the origin of matter and evolution of the universe. Participation of young researchers and students is encouraged.

The main topics of the OMEG15 symposium are:

- 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
- Nuclear Structure and Reactions for Astrophysics
- Explosive Stellar Objects and Nuclear Physics
- Meteorite Analysis and Isotopic Abundance
- Nuclear Matter and Neutron Stars
- Nucleosynthesis in Neutron Star Mergers
- Nuclear Data for Astrophysics and Related Topics
- Underground Nuclear Astrophysics
- Next generation RI Beam Facilities for Nuclear Astrophysics

Venue

The symposium will be held at the Panasonic hall in the Yukawa Institute for Theoretical Physics,

Kyoto University.

<https://www.yukawa.kyoto-u.ac.jp/en-GB/>

Kyoto is located about 2.5 hours from Tokyo using the Shinkansen express train, 1.5 hours from the KANSAI International airport (KIX). Kyoto has many universities and research institutes, therefore, it is known as the academic city as well as the historic city.

List of the invited speakers

Masaki Ando (Tokyo), Wako Aoki (NAOJ), Myung-Ki Cheoun (Soongsil), Silvio Cherubini* (Catania), Roland Diehl (MPI), Seiya Hayakawa (CNS), Raphael Hirschi* (Keel), Chiaki Kobayashi (Hertfordshire), Trevor Ireland (ANU), Chikako Ishizuka* (Tokyo Tech), James Lattimer (Stony Brook), Weiping Liu* (CIAE), Grant Mathews* (Notre Dame), Thomas Rauscher (Basel), Ian Roederer (Michigan), Masaki Sasano (RIKEN), Hendrik Schatz* (MSU), Masaru Shibata (MPG/YITP), Aki Takigawa (Kyoto), Tomoya Takiwaki (NAOJ), Xiaodong Tang (IMB/CAS), Hajime Togashi (RIKEN/Kyushu), Hiroya Yamaguchi (ISAS/JAXA), and Shinya Wanajo (MPG)

(*to be confirmed)

Registration and Abstract submission

Registration can be done on the following web site:

http://www2.yukawa.kyoto-u.ac.jp/~yipqs.project/form_e.php?id=427

The registration fee is 20,000 JPY (10,000 JPY for a student). The detail for the payment will be announced soon. The oral and poster presentations will be selected from the submitted abstracts. You can submit the one-page abstract **in the PDF format** via the registration page. The template files (word, latex) can be found at <http://www2.yukawa.kyoto-u.ac.jp/~omeg15/registration.php>. The deadline of the abstract submission is **March 25**.

Proceedings

The proceedings of the symposium will be published online.

Accommodation

There are many hotels in Kyoto. The participants are encouraged to book the hotel by themselves. A list of the hotels is available at <https://www.yukawa.kyoto-u.ac.jp/en-GB/contents/guide/hotels>. We recommend participants to book as early as possible. Several rooms are reserved for the participants at the guest house of the Yukawa Institute (Kitashirakawa Gakusha, 2,500 or 3,300 JPY/night), at the Shirankaikan Annex (6,800 JPY/night), and at [Hotel Gimmond Kyoto](#) (7,200—11,200 JPY/night)

The participants will be able to request the room at Kitashirakawa Gakusha, Shirankaikan Annex, or Hotel Gimmond Kyoto on the online registration. However, the number of rooms are limited, therefore, leave the assignment to the organizers if the number of applicants exceeds the number of rooms.

Important dates

Abstract deadline: March 25, 2019
Notification for contribution talks: May 8, 2019
Symposium dates: July 2—5, 2019

Financial Supports

A limited amount of financial support will be provided to students and researchers at their early-stage career to encourage their participation in the OMEG15 symposium. We expect to offer limited support to fully or partially cover domestic travel and local expenses based on availability of funds. Participants will be able to apply for the support on the online registration.

Web Site and Contact Address

Detailed information of the symposium will be found in the symposium web site. If you have questions, please contact organizers by Email.

OMEG15 Web site: <http://www2.yukawa.kyoto-u.ac.jp/~omeg15>

Email: omeg2019@gmail.com

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Center for Nuclear Study (CNS), University of Tokyo

RIKEN Nishina Center for Accelerator-Based Science

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