

Nishinomiya-Yukawa Symposium

"General Relativity and Beyond"

February 12–February 16, 2024

Yukawa Institute for Theoretical Physics, Kyoto University

<https://www2.yukawa.kyoto-u.ac.jp/~gc2024/symposium/index.php>

[Home](#)

[Registration](#)

[Participants](#)

[Program](#)

[Information](#)

[Announcements](#)

[GC2024](#)

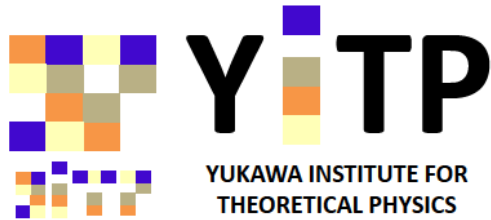
On this symposium

Nishinomiya-Yukawa Symposium "General Relativity and Beyond" is a symposium held in the 3rd week of the [YITP long-term workshop "Gravity and Cosmology 2024" \(GC2024\)](#).

Schedule and Venue

- Start: February 12, 2024, Close: February 16, 2024
- [Panasonic Auditorium, Yukawa Hall, Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan](#)

Yukawa Institute for Theoretical Physics



- Yukawa Memorial Hall was established at Kyoto University in 1952 to commemorate Dr. Hideki Yukawa, the first Japanese Nobel Prize winner in Physics in 1949. The institute was established in 1953.
- Promoting research in theoretical physics (particle theory, theoretical astrophysics, nuclear theory, condensed matter theory, quantum information).
- Challenging the mysteries of the universe.

Main themes of each week

- 1st week (January 29–February 2):
Inflation/PBH/dark matter
- 2nd week (February 5–9):
Tensions in cosmology
- 3rd week (February 12–16): **Nishinomiya-Yukawa Symposium "General Relativity and Beyond"**
- 4th week (February 19–23):
Gravitational-wave astronomy/cosmology
- 5th week (February 26–March 1):
Dark energy and gravity beyond general relativity

Detailed program available @

<https://www2.yukawa.kyoto-u.ac.jp/~gc2024/program.php>

Organizers

- **Science Organizing Committee**

Emanuele Berti (Johns Hopkins), Rong-Gen Cai (ITP CAS), Vitor Cardoso (CENTRA/Niels Bohr), Paolo Creminelli (ICTP), Anne-Christine Davis (Cambridge), Cédric Deffayet (ENS Paris), Claudia de Rham (Imperial), Ruth Durrer (Geneva), Roberto Emparan (Barcelona), Ruth Gregory (King's College London), Takaaki Kajita (Tokyo), Renata Kallosh (Stanford), Luis Lehner (Perimeter), Stefano Liberati (SISSA), Andrei Linde (Stanford), Shinji Mukohyama (YITP, Chair), Enrico Pajer (Cambridge), Tsvi Piran (Hebrew), Lisa Randall (Harvard), Mairi Sakellariadou (King's College London), Misao Sasaki (Kavli IPMU), Masaru Shibata (AEI/YITP), Masahiro Takada (Kavli IPMU), Jean-Philippe Uzan (IAP), David Wands (Portsmouth)

- **Local Organizing Committee**

Katsuki Aoki (YITP), Antonio De Felice (YITP), Tomohiro Fujita (Waseda), Kunihiro Ioka (YITP), Sugumi Kanno (Kyushu), Takeshi Kobayashi (SISSA), Sachiko Kuroyanagi (IFT), Hiroki Matsui (YITP), Shinji Mukohyama (YITP, Chair), Atsushi Naruko (YITP), Takahiro Nishimichi (YITP), Naritaka Oshita (YITP), Yoko Oya (YITP), Kazufumi Takahashi (YITP), Takahiro Tanaka (Kyoto), Atsushi Taruya (YITP)

- **Program Coordinators**

Takashi Yoshida, Atsushi Watanabe

- **Secretary**

Ritsuko Sakaguchi

Notes

[Covid-19]

If you do not feel well, please do not come to the venue. Instead, please participate GC2024 online via Zoom.

[Auditorium (here)]

No drink, no food, please.

[Recording]

We will record your talks if you do not mind.

[Coffee break]

Salon in front of Auditorium


[Poster sessions (Tue & Thu)]

Y206 on 2nd floor of Yukawa Hall (this building)

Code of Conduct

<https://www2.yukawa.kyoto-u.ac.jp/~gc2024/symposium/code-of-conduct.php>

Our conference is committed to providing a harassment-free environment for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, nationality, or religion. We aim to ensure that, while attending this event, every person feels safe, respected, and free from harassment and discrimination. Should any issue arise, please contact any of the organizers.

A Zen garden featuring a vast expanse of white gravel. Several small islands of moss and rocks are scattered across the landscape. In the background, a body of water is visible under a hazy sky.

**Enjoy physics and the
historic city of Kyoto
during the symposium!**