



SCHOOL OF SCIENCE  
THE UNIVERSITY OF TOKYO

## 2024 Graduate Open House (Online)

Department of Physics, The University of Tokyo

3pm (JST), July 6th, 2024.

Last Updated on June 22, 2024

**2024 Program (July 6, 2024) will start at 3pm (Tokyo)  
= 2pm (Beijing) / 11:30am (New Delhi) / 8:00am (Frankfurt)  
/ 11:00pm-1day (San Francisco) / 2:00 am (New York).**

**Zoom link: [available with registration.](#)**

\*The recorded materials will be available later with this registration.

### Program

15:00 – 15:30	Opening and an overview of Department of Physics at Univ. of Tokyo	Prof. Haozhao Liang, Department of Physics
15:30 – 15:45	Graduate programs, scholarships, and application processes	Prof. Haozhao Liang, Department of Physics
15:45 – 15:55	Break (Q&A)	
15:55 – 16:15	Welcome messages from graduate students	4 international graduate students in Department of Physics
16:15 - 16:30	Q&A	
16:30 –	Individual Zoom Meeting	Organized by each faculty

The participating faculty members are listed in the next page.

Most of them will hold “Individual Zoom Meeting” at 16:30.

The Zoom links of those meetings are also [available with registration.](#)

	<b>Faculty Name (alphabetical)</b>	<b>Affiliation</b>	<b>Research Topic</b>
1	<b>Kipp CANNON</b>	Research Center for the Early Universe (RESCEU)	Observational gravitational-wave astronomy
2	<b>Koichi HAMAGUCHI</b>	Department of Physics	Theoretical particle physics and cosmology. Physics beyond the Standard Model of particle physics.
3	<b>Naomichi HATANO</b>	Institute of Industrial Science (IIS)	Open quantum systems, quantum thermodynamics, non-Hermitian quantum mechanics, statistical physics of equilibrium and non-equilibrium systems
4	<b>Kohei KAWABATA</b>	Institute for Solid State Physics (ISSP)	condensed matter theory, nonequilibrium phases of matter, nonequilibrium statistical mechanics, non-Hermitian physics
5	<b>Kentaro KITAGAWA</b>	Institute for Solid State Physics (ISSP)	Pressure-driven novel electronic phases and developing new measurement technologies under high pressures
6	<b>Takeshi KONDO</b>	Institute for Solid State Physics (ISSP)	Condensed matter physics: experiments with various laser photoemission techniques, studying topological materials, superconductors, and strongly correlated systems.
7	<b>Haozhao LIANG</b>	Department of Physics	Nuclear theory and nuclear astrophysics
8	<b>Tomotake MATSUMURA</b>	Kavli IPMU	Physics of early Universe using the measurements of cosmic microwave background (CMB) polarization
9	<b>Tom MELIA</b>	Kavli IPMU	Particle theory, beyond the standard model physics, dark matter, gravity
10	<b>Yasuhiro NAKAJIMA</b>	Department of Physics	Experimental particle physics and astrophysics with neutrinos
11	<b>Shoichi OGIO</b>	Institute for Cosmic Ray Research (ICRR)	Ultra high energy cosmic rays
12	<b>Kimihiro OKUMURA</b>	Institute for Cosmic Ray Research (ICRR)	neutrino oscillation experiment, astroparticle neutrino observation
13	<b>Mark VAGINS</b>	Kavli IPMU	Experimental neutrino astrophysics with Super-Kamiokande and related projects
14	<b>Taizan WATARI</b>	Kavli IPMU	string theory and geometry
15	<b>Miho YANAGISAWA</b>	Graduate School of Arts and Sciences	Soft matter physics and biophysics. Experiments and numerical simulations of soft materials such as gels, liquids, granules, and living organisms.
16	<b>Masashi YOKOYAMA</b>	Department of Physics	Experimental particle physics. Study of neutrino oscillation using artificial neutrino beams and Super-Kamiokande/Hyper-Kamiokande detectors.