

Dr. Hirotaka Yuzurihara

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Position

2022 Nov - Present **Specially Appointed Assistant Professor**, Institute for Cosmic Ray Research (ICRR), KAGRA Observatory, The University of Tokyo, Japan.

Education

2017 Dec **Doctor degree of Science in Physics**, *Graduate School of Science, Osaka City University*, Osaka, Japan.

Doctor Thesis : “Search for Gravitational Waves from Compact Binary Coalescences and Correlation Analysis of Laser Interferometer” Supervisor : Prof. Nobuyuki Kanda and Assistant Prof. Hideyuki Tagoshi

2013 March **Master degree of Science in Physics**, *Graduate School of Science, Osaka City University*, Osaka, Japan.

Master Thesis : “Numerical evaluation of Cosmic String ’s gravitational waves and its detectability on ground-based observatory” Supervisor : Professor Nobuyuki Kanda

2011 March **Bachelor degree of Science in Physics**, *Department of Physics Sciences, Osaka City University*, Osaka, Japan.

Bachelor Theme : “Numerical simulation of gravitational waves from binary neutron stars with LCGT using the galaxy catalog” Supervisor : Professor Nobuyuki Kanda

Research Grant

2023 April - 2026 March **Grant-in-Aid for Early-Career Scientists (23K13120)**, *JSPS KAKENHI*.

2022 April - 2024 March **ICRR Inter-University Research Program (Domestic)**, *Institute for Cosmic Ray Research, the University of Tokyo*.

2020 April - 2024 March **ISM Cooperative Research Program**, *The Institute of Statistical Mathematics*.

2013 April - 2016 March **Japan Student Services Organization (JASSO) Type I (interest-free) scholarship**.

Research History

2022 Nov - Present **Specially Appointed Assistant Professor**, Institute for Cosmic Ray Research (ICRR), KAGRA Observatory, The University of Tokyo, Japan.

2021 Feb - 2022 Nov **Postdoctoral Fellow**, Institute for Cosmic Ray Research (ICRR), KAGRA Observatory, The University of Tokyo, Japan.

2018 Jan - **Postdoctoral Fellow, Grant-in-Aid for Scientific Research on Innovative Areas**, Institute for Cosmic Ray Research, University of Tokyo, Japan.
2021 Feb
2018 Jan **Postdoctoral Fellow**, *Osaka City University*, Japan.

Academic Activities

2019 Oct - **Part-time teacher : “ Introduction to Physics I ”** , *Tokyo University of Marine Science and Technology*.
2022 Mar
2012 April - **Teaching assistant on the second year undergraduate course: “ Basic Physics Experiments II ”** , *Osaka City University*.
2012 Sep

Membership

- The Physics Society of Japan; JPS
- Cosmic Ray Researchers Congress; CRC
- KAGRA collaboration