

Curriculum Vitae

Yutaka Hirai

Gender: Male

Employment Status:

Junior Associate Professor
Department of Community Service, Koeki University

Mailing Address:

3-5-1 Iimoriyama, Sakata, Yamagata 998-8580, Japan

Education

March 2018 **Ph.D.** in Astronomy, **The University of Tokyo**

March 2015 **M.Sc.** in Astronomy, **The University of Tokyo**

March 2013 **B.Sc.** in Physics, **Waseda University**

Employment History

April 2025 – present

Junior Associate Professor, Department of Community Service, Koeki University

October 2021 – March 2025

JSPS Research Fellow (CPD), Astronomical Institute, Tohoku University

December 2021 – December 2024

JSPS Research Fellow (CPD), Department of Physics and Astronomy,
University of Notre Dame

November 2023

JSPS-ERC Research Fellow, Department of Astronomy, University of Geneva

April 2021 – March 2022

Visiting Scientist, RIKEN Center for Computational Science

April 2021 – September 2021

JSPS Research Fellow (PD), Astronomical Institute, Tohoku University

April 2018 – March 2021

Special Postdoctoral Researcher, RIKEN Center for Computational Science

April 2018 – September 2020

Part-Time Lecturer, Department of Physics, Konan University

April 2015 – March 2018

JSPS Research Fellow (DC1), Department of Astronomy, The University of Tokyo

Teaching Experience

April 2018 – September 2020

Part-Time Lecturer, “Mathematics for Physics I,”
Department of Physics, Konan University

April 2014 – September 2014

Teaching Assistant, “Astrophysics Seminar,”
Department of Astronomy, The University of Tokyo

March 2014

Teaching Assistant, “Galaxy School 2014,”
Kiso Observatory, The University of Tokyo

Awards

April 2024 **HPCI Software Development Award**

April 2018 **Springer Theses**

July 2015 **Oral Presentation Award** in
Summer School on Astronomy and Astrophysics for Young Astronomers

Academic Honors

January 2020 Participation in the **Global Young Scientist Summit (GYSS) 2020**

April 2013 **Iwadare Scholarship**

April 2010 **Waseda University’s 125th Anniversary Scholarship**

Professional Societies

June 2022 – present **International Astronomical Union**

February 2022 – present **American Astronomical Society**

October 2016 – present **Society of Theoretical Astronomy and Astrophysics**

June 2014 – present **The Physical Society of Japan**

April 2014 – present **The Astronomical Society of Japan**

LOC/SOC

7. Dark Matter in the Universe: The Present and Future of Galactic Archaeology and Near-field Cosmology, Matsushima, Japan (March 2024)
6. MODEST23-JM, Onna, Japan (April 2023)
5. Galactic Star Formation 2021; bridging the fields between the galaxy evolution and the ISM evolution/star formation toward the next decade, online (November – December 2021)
4. Stellar Alchemy to Galactic Archaeology, online (October 2020)
3. The Japan-France Workshop “Neutron Star Mergers and Galactic Chemical Evolution,” Mitaka, Japan (October 2017)
2. Many Riddles about Core-Collapse Supernovae: 1 Bethe and Beyond, Mitaka, Japan (June 2016)
1. The 45th Summer School on Astronomy and Astrophysics, Chikuma, Japan (July 2015)