Application guidelines for FY2025 National Astronomical Observatory Japan Special Inter-Institutional Research Fellows

1 Number of Students Accepted

A few

2 Eligibility Requirements

Those who are enrolled in a graduate school and major in astronomy or related fields

3 Period of Acceptance

As a general rule, the acceptance period shall be within one year from April or October 2025. Ho wever, if necessary, a different starting date, or an extension of the acceptance period may be allowed. The total period of acceptance of a master's student shall not exceed one year.

(Article 13.2 of the Standards for the Establishment of Graduate Schools)

4 Research Locations

The area where NAOJ's research and education staff are stationed

5 Application Documents

(1) Request for arranging entrustment of student supervision (form 1) from the dean of the graduate school which the applicant belongs to.

The applicant must contact the administrative office of the graduate school he / she belongs to and inform them of his / her application for this program, and have the graduate school issue the document.

(2) A letter of recommendation from the supervisor at the graduate school the applicant belongs to. (form 2)

*For new applicants only. In the case of application for extension, the applicant should submit (6) Reasons for Extension Form instead.

(3) Curriculum Vitae (form 3)

(4) Certificate of Enrollment

If the applicant is to advance to a higher-level course in a new semester, the applicant must submit a certificate of enrollment in the current course at the time of application, and then submit a certificate of enrollment in the new course as soon as possible after entering the course.

(5) Certificate of enrollment in Personal Accident Insurance for Students Pursuing Education and Research (Gakkensai), Accidental Liability Insurance for Students Pursuing Education and Research (Futai-Baiseki) or equivalent insurance.

If the period of insurance coverage is shorter than the period of acceptance, the certificate should b

e resubmitted as soon as possible after the insurance is renewed.

(6) Reason for Extension (free format)

Prepared by the supervisor at the graduate school which the applicant belongs to.

*Only if the applicant has been accepted as a NAOJ Special Inter-Institutional Research Fellows in FY 2024 and wish to extend the period of acceptance. (If not applying for a continuation, submit a letter of recommendation from the supervisor.)

6 Deadline for Submission of Documents

Acceptance from April: Friday, February 28, 2025

Acceptance from October: Friday, August 29, 2025

7 Examination

The Dean of the Graduate School will be notified of the results of the examination based on the submitted documents.

8 Examination fees, admission fees and tuition fees

No examination fees, admission fees, or tuition fees will be charged.

9 Other Notes

(1) In the case the applicant has not yet been admitted to a graduate school, the applicant must submit the application as a "prospect" candidate, and inform the administrative office at NAOJ as soon as the admission is confirmed.

(2) The Personal Accident Insurance for Students (Gakkensai) and Accident Liability Insurance for Students Pursuing Education and Research (Futai-Baiseki) provided by the Japan Educational Exchanges and Services is applicable to disasters occurring during the commissioning period and should be taken out through the graduate school to which the applicant belongs.

(3) The supervisor of the graduate school should have a thorough discussion with the faculty member of NAOJ before submission of the documents. In particular, when an applicant wishes to receive research guidance in the Hawaii or Chilean region, it is appropriate for the applicant, the supervisor of the graduate school, and the faculty member of NAOJ to discuss this in advance because of the financial cost of living in the region.

(4) The main advisor at NAOJ must be selected from the list of faculty members on the attached sheet. If the applicant wishes to receive research guidance by more than two faculty members including assistant professor, provide the name of the assistant professor as a co-supervisor.

(5) An applicant wishes to apply for acceptance from a date other than April or October 2025 must contact the NAOJ faculty member before submitting application, and also contact the administrative office below.

1０　Document submission (Administrative contact information)

2-21-1 Osawa, Mitaka, Tokyo 181-8588, JAPAN

Inter-University Research Institute Corporation National Institutes of Natural Sciences

National Astronomical Observatory of Japan

Graduate Student Affairs Unit

Email: daigakuin@nao.ac.jp

TEL : 0422-34-3659

Please write "Application form enclosed" in red on the front of the envelope

List of faculty members and their research fields

Please refer to the following URL for more information on the faculty members' research and other details.
https://www2.nao.ac.jp/~open-info/reslist/index.html

Name	Affiliation	Campus	Research Fields
AOKI, Wako	TMT Project	Mitaka	Stellar physics, spectroscopy
AGATA, Hidehiko	Public Relations Center	Mitaka	Science Education, Science Communication
ASAKI, Yoshiharu	ALMA Project	Chile	Radio Astronomy
IONO, Daisuke	TMT Project	Mitaka	Colliding and merging galaxies, U/LIRGs, Sub mm galaxies, Radio Astronomy
IGUCHI, Satoru	ALMA Project	Mitaka	Radio Astronomy, Galaxy Formation, Black Hole, Interferometry
IKOMA, Masahiro	Division of Science	Mitaka	Exoplanet, Planet formation, Exoplanetary atmosphere
ISHII, Shun	ALMA Project	Mitaka	Radio Astronomy, Star formation
ISHIKAWA, Ryoko	Solar Science Observatory	Mitaka	Solar Physics, Development of Observational Instruments
IZUMI, Takuma	ALMA Project	Mitaka	Radio astronomy, Active galactic nucleus, Quasar, Supermassive black hole
IZUMIURA, Hideyuki	Subaru Telescope	Okayama	Cool stars, our Galaxy, astronomical instruments, exoplanet searches
UZAWA, Yoshinori	Advanced Technology Center	Mitaka	Superconducting Electronics, Terahertz Technology
USUDA, Tomonori	TMT Project	Hawaii	Infrared Astronomy, Observational Astronomy, Development of Telescopes and Instruments
UTSUMI, Yousuke	NAOJ Chile	Chile	Optical Instrumentation, Multi-messenger astronomy, Observational Cosmology
ENOKIYA, Rei	NAOJ Chile	Mitaka	Radio Astronomy, Inter stellar medium, center of galaxies
OUCHI, Masami	Division of Science	Mitaka	Galaxy Formation, Observational Cosmology, Early Universe, Optical Near-Infrared Astronomy
OYA, Shin	Advanced Technology Center	Mitaka	Adaptive Optics, Near Infrared Astronomy, Instrumentation, Large Telescopes
OKUDA, Takeshi	ALMA Project	Chile	Radio Astronomy, Development of Observational Instruments
OZAKI, Masanobu	Advanced Technology Center	Mitaka	Spacecraft-borne equipment development, X-ray

			astronomy
KATSUKAWA, Yukio	Solar Science Observatory	Mitaka	Solar Physics
KANO, Ryouhei	JASMINE Project	Mitaka	Space instrumentation, Observational astronomy (Sun and Stars)
KAMAZAKI, Takeshi	ALMA Project	Mitaka	Radio Astronomy, System Engineering, Digital Signal Processing
KAMENO, Seiji	ALMA Project	Chile	Radio Astronomy, Active Galactic Nuclei, System Engineering
KAMBE, Eiji	Subaru Telescope	Hawaii	Stellar Astronomy, Optical Spectroscopic Instruments
GOUDA, Naoteru	JASMINE Project	Mitaka	Structure formations in the Universe, Dynamical structure of galaxies, Astrometry
KOHRI, Kazunori	Division of Science	Mitaka	The early Universe, Cosmology, Black Holes, Astro-Particle Physics
KOKUBO, Eiichiro	Center for Computational Astrophysics	Mitaka	Formation of planetary systems
KOSUGI, George	ALMA Project	Mitaka	Galactic Physics, Gamma-Ray Burst Astronomy, Observational Systems
KOTANI, Takayuki	Subaru Telescope/ABC	Mitaka	Extrasolar planets, Instrumentation
KOYAMA, Yusei	Subaru Telescope	Mitaka	Galaxy formation, Galaxy evolution, Galaxy clusters, Galaxy environment, Large-scale structure of the universe
SAITO, Masao	TMT Project	Mitaka	Radio Astronomy, Star formation, Outer galaxy
SAKAMOTO, Seiichi	NAOJ Chile	Mitaka	Radio Astronomy, Interstellar Physics
SAWADA, Tsuyoshi	ALMA Project	Chile	Radio Astronomy
SHIMOJO, Masumi	ALMA Project	Mitaka	Solar Physics
SHAN, Wenlei	Advanced Technology Center	Mitaka	Superconducting electronics for radio astronomical observation
SUGIMOTO, Masahiro	TMT Project	Mitaka	Radio Astronomy
SUZUKI, Ryuji	TMT Project	Mitaka	Infrared Astronomy, Optical-Infrared Instrumentation
SEKII, Takashi	Graduate Education Office	Mitaka	Helioseismology, Asteroseismology, Inverse theory
TAKATA, Tadafumi	Astronomy Data Center	Mitaka	Optical and infrared astronomy, Galactic astronomy (Formation and evolution of galaxies and AGN), Astronomical database
TAKAHASHI, Satoko	ALMA Project	Mitaka	Millimeter and submillimeter astronomy, Radio

			interferometry, Star formation
TAKIWAKI, Tomoya	Center for Computational Astrophysics	Mitaka	Supernovae, High energy astrophysics
TAJITSU, Akito	Subaru Telescope	Okayama	Stellar, Transient source, Development of Observational Instruments
TANAKA, Masayuki	Subaru Telescope	Mitaka	Galaxy Formation and Evolution, Observational Cosmology, Citizen science
TAMURA, Naoyuki	Subaru Telescope	Hawaii	Optical and near-infrared instrumentation, galaxy formation and evolution
TERADA, Hiroshi	TMT Project	Mitaka	Infrared Astronomy, Astrophysics
TOMARU, Takayuki	Gravitational Wave Science Project	Mitaka	Gravitational-Wave Astronomy, Experimental Physics
TOMINAGA, Nozomu	Division of Science	Mitaka	Supernova, Nucleosynthesis, Time-domain astronomy, Multi-messenger astronomy
NAGAI, Hiroshi	ALMA Project	Mitaka	Radio astronomy, High energy astrophysics
NAKANISHI, Kouichiro	ALMA Project	Mitaka	Galaxies, Radio interferometers
NAKAMURA, Fumitaka	Division of Science	Mitaka	Star formation, star cluster formation, stellar feedback, magnetic fields of ISM
NAMIKI, Noriyuki	RISE Project	Mitaka	Planetary Sciences
NISHIMURA, Atsushi	Nobeyama Radio Observatory	Nobeyama	Star formation, Development of radio instrument
NOUMARU, Junichi	TMT Project	Mitaka	Galactic Astronomy, Telescope Engineering, Development of Telescopes and Control Systems
NOMURA, Hideko	Division of Science	Mitaka	Theoretical astronomy, Planet formation
HATSUKADE, Bunyo	ALMA Project	Mitaka	Radio Astronomy, Galaxy Formation and Evolution, Astronomical Transient Phenomena
HANAOKA, Yoichiro	Solar Science Observatory	Mitaka	Solar Physics
HAYANO, Yutaka	Subaru Telescope	Hawaii	Near infrared astronomy. Adaptive optics. Instrumentation
HARA, Hirohisa	SOLAR-C Project	Mitaka	Solar Physics, Astronomical Instrumentation
PYO Tae-Soo	Subaru Telescope	Hawaii	Star and planet formation, optical and infrared observational astronomy, jets/outflows from young stars
HIRANO, Teruyuki	Subaru Telescope/ABC	Mitaka	Extrasolar planets, Optical and near-infrared astronomy, Data science
HIROTA, Tomoya	Mizusawa VLBI Observatory	Mizusawa	Radio Astronomy, Astrometry, Astrochemistry

FUJII, Yuka	Division of Science	Mitaka	Exoplanets
FURUSAWA, Hisanori	Astronomy Data Center	Mitaka	galaxy formation and evolution, observational cosmology
HONMA, Mareki	Mizusawa VLBI Observatory	Mizusawa	Galactic structure, black holes, high resolution astronomy with VLB
MACHIDA, Mami	Division of Science	Mitaka	Accretion disks, MHD simulation
MATSUO, Hiroshi	Advanced Technology Center	Mitaka	Radio Astronomy, Millimeter, Submillimeter and Terahertz instrumentations
MATSUMOTO, Koji	RISE Project	Mizusawa	Planetary geodesy
MIZUNO, Norikazu	ALMA Project	Chile	Radio Astronomy
MINAMIDANI, Tetsuhiro	ALMA Project	Mitaka	Radio Astronomy, Instruments for Radio Astronomy
MINOWA, Yosuke	Subaru Telescope	Mitaka	Development of Observational Instruments
MIYAZAKI, Satoshi	Subaru Telescope	Hawaii	Observational Cosmology and Optical/IR Instrumentation
MORITANI, Yuki	Subaru Telescope	Hawaii	Optical-infrared astronomy, stellar and binary physics, instrument development
YAMAOKA, Hitoshi	Public Relations Center	Mitaka	supernova (theoretical and observational) Data mining observation of space debris
YOSHIDA, Michitoshi	Subaru Telescope	Mitaka	Galactic Astronomy
WADA, Takehiko	JASMINE Project	Mitaka	Infrared Astronomy, Spaceborne Instrumentation
WATANABE, Junichi	Public Relations Center	Mitaka	Planetary Sciences