

## 2026年度 02)ISEE International Joint Research Program 採択一覧

### 2026 02)ISEE / CICR International Joint Research Program List of Approved Proposals

27 件

\*所属機関・職名は、原則、申請書のとおり掲載しています。

\*In principle, proposer's affiliation and job title in this list are based on the application.

研究代表者 Principal Investigator	所属機関* Affiliation	職名* Job title	所内担当教員 Corresponding ISEE researcher	研究課題名 Project title
Sergiy Shelyag	Flinders University, Australia	Associate Professor	Haruhisa Iijima	Unveiling the role of partial ionization in shaping the solar atmosphere and driving the solar wind
Lyu, Xingzhi	GFZ Helmholtz Center for Geosciences, Germany	Postdoctoral Researcher	Yoshizumi Miyoshi	Investigating the Energetic Proton Response during May 2024 Superstorm Using Arase Satellite Data
Park, Kyung Sun	Chungbuk National University/College of Nature Science, Korea	Invited Professor	Satoshi Masuda	MHD Simulation of Stellar Wind Interaction with Earth-like Exoplanets around the Young Stars
Samuel Krucker	University of Applied Sciences and Arts Northwestern Switzerland (FHNW), Switzerland	Prof.	Satoshi Masuda	Using Solar Orbiter/STIX and ASO- S/HXI to determine the 3D location of above-the-loop-top hard X-ray sources
Alexandra Ruth Fogg	Dublin Institute for Advanced Studies, Ireland	Postdoctoral Fellow	Yoshizumi Miyoshi	Exploring Space Weather Using Earth's Natural Radio Emissions
Yukinaga Miyashita	Korea Astronomy and Space Science Institute, Korea	Principal Researcher	Yoshizumi Miyoshi	Feasibility study of in situ and remote observations of the heliosphere and the Sun at the Sun-Earth L4 point
Muhammad Fraz Bashir	University of California Los Angeles, USA	Associate Researcher	Yoshizumi Miyoshi	Temporal Modulation of EMIC Waves by ULF Dynamics in the Inner Magnetosphere

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Daniel Nóbrega-Siverio	Instituto de Astrofísica de Canarias (IAC)., Spain	Advanced Postdoc	Hideyuki Hotta	The Full Life Cycle of Solar Magnetic Flux: From Deep Convection to Large Atmospheric Eruptions.
Mykola Ivchenko	KTH - Royal Institute of Technology, Sweden	Professor	Yoshizumi Miyoshi	Magnetosphere-Ionosphere Coupling in Pulsating Aurora: A Combined Arase and GNSS-TEC Study
Stephan Heinemann	University of Helsinki, Finland	Academy Researcher, PI	Kazumasa Iwai	Toward Physically Constrained Inner Boundary Conditions for Heliospheric Solar Wind Models Using In-Situ measurements and Interplanetary Scintillation Observations
Takuya Hara	Space Sciences Laboratory, USA	Assistant Research Physicist	Kazumasa Iwai	Validation and refinement of the IPS-SUSANOO solar wind model using current and forthcoming Mars missions
Alexandros Koukras	Columbia University, USA	Postdoctoral Researcher	Ken-ichi Fujiki	Constraining Solar Wind Backmapping and IPS Derived Heliospheric Structure Through Source Surface Height Sensitivity Analysis
Nariaki Nitta	Lockheed Martin Solar and Astrophysics Laboratory, USA	Senior Staff Physicist	Kazumasa Iwai	Investigation of how solar wind and coronal mass ejection modeling depends on input magnetic maps
Masanori Saito	University of Wyoming, USA	Assistant Professor	Hirohiko Masunaga	Enhanced capabilities in community remote sensing data simulators in support of cold cloud research
Maximilien Desservettaz	University of Wollongong, Australia	Research Fellow	Michihiro Mochida	Integrating Measurements and Models to Characterize Australian Bushfire Smoke Composition and Toxicity
Stepan Poluianov	University of Oulu, Finland	Senior Research Fellow	Naoyuki Kurita	Disentangling atmospheric effects from the solar signal in the 70-year long tritium and beryllium-10 records from the Dome Fuji, East Antarctica

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Yunhua CHANG	Nanjing University of Information Science & Technology (NUIST), China	Professor	Michihiro Mochida	Molecular-level characterization of biomass-burning organic aerosols across contrasting aging regimes
Uma Pandey	National Centre for Geodesy, Indian Institute of Technology, Kanpur, India	WISE-Post Doctoral Fellow	Yuichi Otsuka	Source Mechanisms of Traveling Ionospheric Disturbances due to seismic sources over the Japanese Region Using GNSS Observations
Habtamu Wubie Tesfaw	University of Oulu, Finland	Postdoctoral researcher	Shin-ichiro Oyama	Advancing Fabry-Perot interferometer data analysis method for the study of the ionosphere-thermosphere coupling
Atri Deshamukhya	Assam University, India	Professor	Kazuo Shiokawa	Study of the morphology and evolution mechanism of the equatorial plasma bubbles/spread-F over the East Asian region
Grandhi Kishore Kumar	University of Hyderabad, India	Assistant Professor	Satonori Nozawa	Impacts of Sudden Stratospheric Warmings and Space Weather events on Tidal Momentum Fluxes in the Northern Polar Winter MLT Region
Pramitha M	Indian Institute of Science Education and Research, Thiruvananthapuram, India	Assistant Professor	Kazuo Shiokawa	Statistical and Latitudinal variability of horizontal phase velocity distribution of gravity waves observed by airglow imagers
František Němec	Charles University, Czech Republic	Professor	MARTINEZ Claudia	Leveraging PBASE VLF data to analyze magnetospheric wave properties and their access to the ground
Ajeet Kumar Maurya	Babasaheb Bhimrao Ambedkar University, Lucknow,, India	Assistant Professor	Yuichi Otsuka	Comparative Investigation of Ionospheric Variability at Mid-Low Latitudes during Intense Geomagnetic Storms using GNSS observations
Andrzej Rakowski	Silesian University of Technology, Poland	Professor	Masayo Minami	High-Resolution Tree-Ring Chronologies for Enhanced Radiocarbon Calibration Reconstruction

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Aaron Goodman	Colorado School of Mines, USA	Research Assistant Professor	Hiroyuki Kitagawa	Advancing nanoscale mineral chemistry measurements through single particle analysis
Thorsten Andreas Markmann	Nanyang Technological University, Singapore	Research Manager	Takenori Kato	CYCLING: Cycle of Chemical Linkages and Redox Transfer in Subducting Systems