

## 2021 年度ISEE International Joint Research Program 採択一覧

### 2021 ISEE/CICR International Joint Research Program List of Accepted Proposals

\* 所属機関・職名は申請時のとおり

\* Proposer's affiliation and job title are as of the proposal submission date.

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 (Project title)
AKALA ANDREW OKE- OVIE	UNIVERSITY OF LAGOS, LAGOS, NIGERIA	Associate Professor	Yuichi Otsuka	Investigation of the responses of global equatorial/low-latitude ionosphere to CIR-driven and CME-driven intense geomagnetic storms during solar cycle 24
Teh Wai-Leong	Universiti Kebangsaan Malaysia	Lecturer	Takayuki Umeda	Understanding the Role of Magnetic Island in Plasma Acceleration and Energy Dissipation during Magnetic Reconnection
Berger Thomas	University of Colorado at Boulder	Research Staff	Shinsuke Imada	Investigation of Solar Polar Magnetic Fields using Hinode/SP and SDO/HMI Data
Santolik Ondrej	Institute of Atmospheric Physics	Professor	Yoshizumi Miyoshi	Investigation of electromagnetic waves in space
Buranapratheprat Anukul	Burapha University	Assistant Professor	Joji Ishizaka	An investigation of Mekong River plume in the South China Sea influenced by dam construction and climate change: a numerical modeling approach
Poluianov Stepan	University of Oulu	Senior Researcher	Naoyuki Kurita	Solar and terrestrial effects in the 50-year long tritium record from Antarctica
Mohanty Pravata Kumar	Tata Institute of Fundamental Research	Reader	Yutaka Matsubara	Study of galactic cosmic rays in the near-Earth space by high resolution multi-directional muon telescopes
Spiegl Tobias Christian	Freie Universität Berlin	Postdoc Researcher	Fusa Miyake	Using cosmogenic isotopes to trace back large-scale atmospheric dynamics of the neutron monitor era.

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Okoh Daniel Izuikedinachi	Centre for Atmospheric Research, National Space Research and Development Agency	Researcher & Coordinator	Kazuo Shiokawa	Investigating Variations and Similarities between Consecutive Equatorial Plasma Bubble Occurrences and Propagation Speeds across Longitudinal Sections of the Globe
Welsch Brian	University of Wisconsin – Green Bay	Associate Professor	Kanya Kusano	Exploring Magnetic Energies to Understand and Predict CME Onset
Maurya Ajeet Kumar	Doon University	Assistant Professor	Yuichi Otsuka	Characterization of the gravity waves of the meteorological origin and their role in vertical atmosphere-ionosphere coupling
Lugaz Noé	University of New Hampshire	Research Associate Professor	Kanya Kusano	Sheaths of Coronal Mass Ejections and Their Effects on Earth's Dayside Magnetosphere and Radiation Belts
Al-Haddad Nada	University of New Hampshire	Research Assistant Professor	Kanya Kusano	Magnetic Structures and Associated Flows of Coronal Mass Ejections
Fedun Viktor	The University of Sheffield	Senior Lecturer	Kanya Kusano	Comprehensive analysis of solar atmospheric dynamics driven by interacting vortex tubes
Zhang Jie	George Mason University	Full Professor	Kanya Kusano	Study the Origin of Solar Eruptions Using Homologous Events