

9. 研究成果

査読論文および著書

■ 査読論文 (2021 年 4 月–2022 年 3 月)

- Abadi, P., **Y. Otsuka**, H. X. Liu, K. Hozumi, D. R. Martinigrum, P. Jamjareegulgarn, L. T. Thanh, and R. Otadoy, Roles of thermospheric neutral wind and equatorial electrojet in pre-reversal enhancement, deduced from observations in Southeast Asia. *Earth and Planetary Physics*, **5(5)**, 387–396, Sep. 2021 (10.26464/epp2021049).
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■ 著書（2021 年 4 月–2022 年 3 月）

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学会および研究集会発表（2021 年 4 月–2022 年 3 月）

■ 国際学会・研究集会・シンポジウム等

*セッションコンピーナ、*2 分の口頭説明を含む、vPICO 形式での発表

学会等の名前	開催場所	開催期間	会議運営 コンピーナ・ SOC-LOC 等	発表数				
				教員	客員・特 任教 員・研究 員等	学生	計	招待 講演
EGU General Assembly 2021	オンライン	2021.4.19–4.30	0	2	0	2*	4	0
14th International Conference on Mesoscale Convective System and High-Impact Weather in East Asia (ICMCS-XIV)	ハイブリッド／ Nanjing, China	2021.4.28–4.30	0	3	0	0	3	2
Online Radio Heliophysics Catch-up	オンライン	2021.5.10–5.13	0	1	0	0	1	0
SuperDARN 2021 Workshop	オンライン	2021.5.24–5.28	0	1	0	2	3	0
4th PACES Open Science Meeting	オンライン	2021.5.26–5.28	0	1	0	0	1	0
Japan Geoscience Union Meeting 2021	オンライン	2021.5.30–6.6	5*	31	21	31	83	4
The 28th International Conference on Weak Interactions and Neutrinos	オンライン	2021.6.7–6.12	1	0	0	0	0	0
International Workshop for Mid-latitude Air-Sea Interaction	オンライン	2021.6.8–6.14	0	0	1	0	1	0
Japan Open Science Summit 2021	オンライン	2021.6.14–6.18	0	1	0	0	1	0
The 16th Workshop on Antarctic Meteorology and Climate (WAMC)	オンライン	2021.6.21–6.23	0	0	0	1	1	0
3rd International Radiocarbon in the Environment Conference	オンライン	2021.7.5–7.9	1*	1	0	0	1	1
2021 RHIC/AGS Annual Users' Meeting	オンライン	2021.7.8–7.11	0	1	0	0	1	0
37th International Cosmic Ray Conference	オンライン	2021.7.12–7.23	0	2	1	0	3	0
18th Annual Meeting (AOGS2021)	オンライン	2021.8.1–8.6	2*	6	5	5	16	3
International Conference on Clouds and Precipitation 2021	オンライン	2021.8.2–8.6	0	0	1	0	1	0
ICEAA - IEEE APWC 2021	ハイブリッド／ Honolulu, Hawaii	2021.8.9–8.13	0	1	0	0	1	1
IAGA-IASPEI 2021	オンライン	2021.8.21–8.27	8*	3	4	0	7	1
64th session of the of the Committee on the Peaceful Uses of Outer Space, United Nations	オンライン	2021.8.25–9.3	0	1	0	0	1	0
URSI GASS 2021	ハイブリッド／ Rome, Italy	2021.8.28–9.4	0	3	0	0	3	1
The virtual DPG-Tagung (DPG Meeting) of the Matter and Cosmos Section (SMuK)	オンライン	2021.8.30–9.3	0	1	0	0	1	1
The Fifth Convection-Permitting Modeling Workshop 2021 (CPM2021)	オンライン	2021.9.7–9.10, 9.14	0	0	1	0	1	0
16th IGAC Scientific Conference	オンライン	2021.9.12–9.20	0	0	0	1	1	0
International Colloquium on Equatorial and Low-Latitude Ionosphere	ハイブリッド／Iwo, Nigeria	2021.9.13–9.18	1	3	0	0	3	3
LAPAN/BRIN - Kyoto University International Symposium for Equatorial Atmosphere /The 6th Asia Research Node Symposium on Humanosphere Science	オンライン	2021.9.20–9.22	0	2	0	0	2	0
Workshop on Laboratory Facilities for Cloud Research	オンライン	2021.9.24	0	0	1	0	1	1
General Incorporated Association Division of Plasma Physics Association of Asia Pacific Physical Societies (APPS-DPP) 5th Asia Pacific Conference on Plasma Physics	オンライン	2021.9.26–10.1	0	1	0	0	1	1
Low-x 2021	ハイブリッド／ Elba, Italy	2021.9.26–10.1	0	1	0	0	1	0

学会等の名前	開催場所	開催期間	会議運営コ ンビナー・ SOC-LOG等	発表数				
				教員	客員・特 任教 員・研究 員等	学生	計	招待 講演
International Workshop on "Climate change impact on the natural ecosystems in the Arctic" within the framework of the III Northern Forum on Sustainable Development	オンライン	2021.9.27-9.30	0	1	0	0	1	0
12th International Conference: Solar-Terrestrial Relations and Physics of Earthquake Precursors	ハイブリッド／ Kamchatka, Russia	2021.9.27-10.1	1	1	0	0	1	0
International Heliophysics Data Environment Alliance	オンライン	2021.9.27-10.1	1	2	0	0	2	1
International Space Science Institute SEESUP 2021	ハイブリッド／ Bern, Switzerland	2021.9.27-10.1	1	1	1	0	2	0
9th PRL Ka Amrut Vyakhyaan	オンライン	2021.9.29	0	1	0	0	1	1
Quadrennial Ozone Symposium (QOS 2021)	オンライン	2021.10.3-10.9	0	2	0	0	2	0
NASA PMM Science Team Meeting	オンライン	2021.10.18-10.22	0	1	0	0	1	0
SciDataCon21	オンライン	2021.10.18-10.28	0	1	0	0	1	1
First International Conference on Environmental Challenges: Climate change, disaster, and urban environment	ハイブリッド／ Ulaanbaatar, Mongolia	2021.10.25	0	1	0	0	1	1
AOS Colloquium Series	ハイブリッド／ Madison, WI, USA	2021.10.25	0	1	0	0	1	1
3rd Forward Physics Facility Meeting	オンライン	2021.10.25-10.26	0	1	0	0	1	1
17th European Space Weather Week	ハイブリッド／ Glasgow, UK	2021.10.25-10.29	0	1	0	0	1	0
Asia-Oceania Group on Earth Observations (AOGEO) Task Group 3 Meeting : Carbon and Greenhouse Gases	オンライン	2021.10.27	0	0	1	0	1	0
Tropical Cyclone Trami Mini Workshop	オンライン	2021.10.29	0	0	1	0	1	0
The 2nd International Symposium on Space Science (ISSS 2021)	オンライン	2021.11.15	0	1	0	0	1	1
Workshop of Water Isotopes: from Weather to Climate	オンライン	2021.11.15-11.17	0	1	0	0	1	0
The 12th Symposium on Polar Science	オンライン	2021.11.15-11.18	0	3	0	4	7	0
The 15th International Conference on Accelerator Mass Spectrometry (AMS-15)	オンライン	2021.11.15-11.19	0	1	0	1	2	0
Particle Acceleration in Solar Flares and the Plasma Universe - Deciphering its features under magnetic reconnection	オンライン	2021.11.15-11.19	0	1	0	0	1	1
GEO Week 2021/ GEO-GEE Programme Side Event	オンライン	2021.11.22-11.26	0	1	0	0	1	0
7th International Conference on Space Science and Communication (IconSpace2021)	オンライン	2021.11.23-11.24	1	0	0	0	0	0
ISEE/ISAS Symposium on Inner Heliosphere Studies 2021	オンライン	2021.11.29-11.30	0	2	0	0	2	1
Linking the science of large interferometers in the 2030s	オンライン	2021.11.30-12.1	0	1	0	0	1	1
AGU Fall Meeting 2021	ハイブリッド／ Los Angeles, CA, USA	2021.12.13-12.17	0	9	5	9	23	1
GEE Training & The 9th Asian/18th Korea-Japan Workshop on Ocean Color 2021	オンライン	2021.12.20-12.22	1	1	0	1	2	0
Sodankyla Geophysical Observatory Days	オンライン	2022.1.10-1.14	0	1	0	0	1	0
1st Japan-Russia Bilateral Project Meeting (ISEE-IKFIA)	オンライン	2022.1.13	0	1	0	0	1	0
International Conference on Frontiers of Physics-2022	ハイブリッド／ Katmandu, Nepal	2022.1.22-1.24	0	1	0	0	1	1
The 16th Vienna Conference on Instrumentation	オンライン	2022.2.21-2.25	1	0	0	0	0	0

学会等の名前	開催場所	開催期間	会議運営コ ンピナー・ SOC・LOC等	発表数				
				教員	客員・特 任教 員・研究 員等	学生	計	招待 講演
59th session of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, United Nations	オンライン	2022.2.21-2.25	0	1	0	0	1	0
15th Quadrennial Solar-Terrestrial Physics symposium (STP-15)	オンライン	2022.2.21-2.25	1	8	5	11	24	1
ISEE Symposium International Conference on Heavy Rainfall and Tropical Cyclone in East Asia	オンライン	2022.3.1-3.2	1	2	0	0	2	0
International Symposium on “Pan-Arctic Water-Carbon Cycles and Terrestrial Changes in the Arctic: For resilient Arctic Communities”	オンライン	2022.3.8-3.11	1	1	3	0	4	0
Synergies at new frontiers at gamma-rays, neutrinos and gravitational waves	ハイブリッド／ Tokyo, Japan	2022.3.24-3.25	1*	1	0	0	1	1
合 計			10 17*	63	18	27	108	21

■ 国内学会

*セッションコンピナー

学会等の名前	開催場所	開催期間	会議運営コ ンピナー・ SOC・LOC等	発表数				
				教員	客員・特 任教 員・研究 員等	学生	計	招待 講演
日本気象学会 2021 年度春季大会	オンライン	2021.5.16-5.21	0	1	4	5	10	0
2021 年度日本地球化学会第 68 回年会	オンライン	2021.9.6-9.10	1*	1	1	2	4	0
2021 年 第 82 回応用物理学会秋季学術講演会	オンライン	2021.9.10-9.13	0	1	0	0	1	0
日本天文学会 2021 年秋季年会	オンライン	2021.9.13-9.15	1*	2	4	5	11	0
日本海洋学会 2021 年度秋季大会	オンライン	2021.9.13-9.17	0	2	0	0	2	0
日本物理学会 2021 年秋季大会	オンライン	2021.9.14-9.17	0	1	2	3	6	0
水文・水資源学会 日本水文科学会 2021 年度研究発表会	オンライン	2021.9.15-9.18	0	1	1	0	2	0
日本流体力学会年会 2021	オンライン	2021.9.21-9.23	1*	1	0	0	1	0
地球電磁気・地球惑星圏学会 第 150 回総会・講演会	オンライン	2021.10.31-11.4	2 8*	17	10	22	49	2
第 26 回大気化学討論会	オンライン	2021.11.9-11.11	0	3	1	2	6	0
リモートセンシング学会第 71 回（令和 3 年度秋季）学術講演会	ハイブリッド／福 島市	2021.11.15-11.16	0	1	0	0	1	0
第 38 回 プラズマ・核融合学会年会	オンライン	2021.11.22-11.25	0	2	0	0	2	1
第 3 回日本放射線安全管理学会・日本保健物理学会合同大会	オンライン	2021.12.1-12.3	0	1	0	0	1	1
日本気象学会 2021 年度秋季大会	ハイブリッド／津 市	2021.12.2-12.8	0	2	6	4	12	0
日本大気電気学会第 100 回研究発表	オンライン	2022.1.8	0	0	0	1	1	0
日本天文学会 2022 年春季年会	オンライン	2022.3.2-3.5	0	2	4	3	9	0

学会等の名前	開催場所	開催期間	会議運営 コンピー ナ・世話 人・SOC・ LOC等	発表数				
				教員	客員・ 特任教 員・研 究員等	学生	計	招待 講演
2022 年電子情報通信学会総合大会	オンライン	2022.3.15-3.18	0	1	0	0	1	0
日本物理学会 第 77 回年次大会	オンライン	2022.3.15-3.19	0	3	1	6	10	1
第 69 回応用物理学会春季学術講演会	ハイブリッド／相模原市	2022.3.12-3.26	0	1	0	0	1	0
合 計			2 10*	43	34	53	130	5

■ 国内研究集会・シンポジウム等

学会等の名前	開催場所	開催期間	会議運営 コンピー ナ・世話 人・SOC・ LOC等	発表数				
				教員	客員・ 特任教 員・研 究員等	学生	計	招待 講演
第 3 回 気象制御可能性検討セミナー	オンライン	2021.4.8	0	0	1	0	1	1
SLATS 共同研究成果報告会	オンライン	2021.4.12	0	1	0	0	1	0
JST-CRDS 環境・エネルギー，エキスパートセミナーシリーズ，「気象・気候研究開発の基盤と最前線」	オンライン	2021.6.24	0	1	0	0	1	0
共同研究「総合資料学の創成と日本歴史文化に関する研究資源の共同利用基盤構築」2021 年度異分野連携ユニット第 1 回	オンライン	2021.7.1	0	1	0	0	1	1
メソ気象セミナー	オンライン	2021.7.10-7.11	0	0	0	1	1	0
第 7 回 Global Plasma Forum「ラジカルな分子をつかまえて 大気化学と低温プラズマ科学の最新の話から」	オンライン	2021.8.30	1	0	0	0	0	0
STE シミュレーション研究会：太陽系シミュレーション研究の新展開	オンライン	2021.9.6-9.7	1	0	0	0	0	0
第 15 回 MU レーダー・赤道大気レーダーシンポジウム／第 451 回生存圏シンポジウム	オンライン	2021.9.9-9.11	0	2	0	0	2	0
シンポジウム「太陽研究：30 年代の科学研究戦略」	オンライン	2021.9.21	0	1	0	0	1	0
シンポジウム「練習船青鷹丸の教育と研究に果たしてきた役割」	オンライン	2021.9.25	0	1	0	0	1	0
宇宙空間からの地球超高層大気観測に関する研究会	オンライン	2021.9.28	0	1	0	0	1	1
令和 3 年（2021 年）度・第 1 回 STE（太陽地球環境）現象報告会	オンライン	2021.9.28	1	1	1	2	4	0
中間圏・熱圏・電離圏（MTI）研究会	オンライン	2021.9.28-9.29	0	0	1	2	3	0
太陽地球系物理学分野のデータ解析手法、ツールの理解と応用	オンライン	2021.9.29-9.30	1	0	0	2	2	1
リモートセンシング学会 海洋湖沼リモートセンシング勉強会	オンライン	2021.10.2	0	1	0	0	1	0

学会等の名前	開催場所	開催期間	会議運営 コンピー ナ・世話 人・SOC・ LOC等	発表数				
				教員	客員・ 特任教 員・研 究員等	学生	計	招待 講演
第15回 ERG サイエンス会議/内部磁気圏研究集会:放射線帯粒子の加速と消失/衛星観測・地上観測・モデル・シミュレーションによる内部磁気圏波動粒子相互作用の統合研究検討会	オンライン	2021.10.12-10.13	1	4	5	3	12	0
第4回地上赤外分光観測による大気組成変動検出に関する研究集会	オンライン	2021.10.13-10.14	1	0	0	0	0	0
宇宙地球環境研究所飛翔体観測推進センター第1回航空機観測セミナー	オンライン	2021.10.22	0	1	0	0	1	0
連携型博士研究人材総合育成システムシンポジウム	オンライン	2021.10.27	0	0	1	0	1	0
アジア高山域における氷河融解を加速する光吸収性不純物に関する研究集会	ハイブリッド/名古屋大学(名古屋市)	2021.11.1-11.2	0	1	0	0	1	0
日本質量分析学会同位体比部会 2021	オンライン	2021.11.10-11.12	1	1	0	2	3	1
令和3年度 東海・北陸地区国立大学法人等 技術職員合同研修	オンライン	2021.11.15	0	1	0	0	1	1
次世代高精度衛星測位研究会	オンライン	2021.11.15	0	1	0	0	1	0
インド洋/太平洋域における海洋循環/環境応用に関する研究集会	ハイブリッド/名古屋大学(名古屋市)	2021.11.18-11.19	1	1	0	3	4	0
シンポジウム「テラヘルツ科学の最先端 VIII」	オンライン	2021.11.24-11.25	0	1	0	1	2	1
第12回光赤外天文学大学間連携ワークショップ	オンライン	2021.11.24-11.26	0	1	0	0	1	1
海洋乱流の観測およびモデリングに関する研究集会	ハイブリッド/名古屋大学(名古屋市)	2021.11.29-11.30	1	1	0	1	2	0
第25 太陽活動周期における内部太陽圏研究の新展開 2021	オンライン	2021.11.29-11.30	2	0	0	0	0	0
iLEAPS-Japan 研究集会 2021「大気-陸域プロセス研究の進展:観測とモデルによる統合的理解」	ハイブリッド/名古屋大学(名古屋市)	2021.12.9-12.10	0	1	1	0	2	0
九州大学応用力学研究所研究集会「東アジア縁辺海の海水循環と生物化学過程」	ハイブリッド/九州大学(春日市)	2021.12.10	0	1	0	0	1	0
小型飛翔体による海象観測(その5) - Ocean observations from small flying objects- 「地球観測」小型衛星のための Lessons & Learned	ハイブリッド/名古屋大学(名古屋市)	2021.12.13	1	1	0	0	1	0
茨城大学重点研究「宇宙科学教育研究センターを核とした宇宙惑星科学教育研究の新展開」サマリー研究会	ハイブリッド/茨城大学(水戸市)	2021.12.18	0	1	0	0	1	1
宇宙地球環境の理解に向けての統計数理的アプローチ	オンライン	2021.12.21	1	1	0	0	1	0
2021 年度「航空機観測による気候・地球システム科学研究の推進」研究集会	オンライン	2021.12.21	0	1	0	0	1	0
大気海洋相互作用に関する研究集会	ハイブリッド/京都大学(京都市)	2021.12.23-12.24	1	0	0	1	1	0
KEK Photosensor/Scintillator Workshop	東北大学(仙台市)	2021.12.27-12.28	0	1	0	0	1	0
第22回宇宙科学シンポジウム	オンライン	2022.1.6-1.7	0	4	1	0	5	0
脈動オーロラ研究集会	オンライン	2022.1.11-1.12	1	2	1	2	5	0
「富岳で加速する素粒子・原子核・宇宙・惑星」シンポジウム	オンライン	2022.1.17-1.19	0	0	1	0	1	0

学会等の名前	開催場所	開催期間	会議運営 コンピー ナ・世話 人・SOC・ LOC等	発表数				
				教員	客員・ 特任教 員・研 究員等	学生	計	招待 講演
CfCA User's Meeting	オンライン	2022.1.18-1.19	0	0	1	0	1	0
第3回高・低気圧ワークショップ	オンライン	2022.1.21	0	0	1	0	1	0
第33回(2021年度)名古屋大学宇宙地球環境研究所年代測定研究シンポジウム	オンライン	2022.1.21	1	2	1	0	3	0
愛媛大学沿岸環境科学研究センター共同利用・共同研究集会	愛媛大学(松山市)	2022.1.25	0	1	0	0	1	0
東京大学宇宙線研究所共同利用研究成果発表会	オンライン	2022.1.25-1.26	0	1	0	0	1	0
太陽研究者連絡会シンポジウム 2021	オンライン	2022.2.14-2.15	1	2	1	3	6	0
第22回ミリ波サブミリ波受信機ワークショップ	オンライン	2022.2.21-2.22	1	1	0	2	3	0
極域・中緯度 SuperDARN 研究集会	オンライン	2022.2.22	1	3	1	4	8	0
第470回生存圏シンポジウム 生存圏ミッションシンポジウム	オンライン	2022.2.28-3.1	0	1	0	0	1	0
「太陽地球環境と宇宙線モジュレーション」、「太陽風プラズマ物理の最新成果と今後の展望」および「太陽圏・宇宙線関連の共同研究成果報告会」	オンライン	2022.3.1-3.2	1	1	0	0	1	0
GPM および衛星シミュレータ合同研究集会	オンライン	2022.3.3-3.4	1	0	0	4	4	0
知の「開拓者」コンソーシアム総会(第1回)	オンライン	2022.3.7	0	0	1	0	1	0
宇宙電波懇談会シンポジウム 2021	オンライン	2022.3.7-3.8	0	1	0	0	1	0
次世代安心・安全 ICT フォーラム講演会	オンライン	2022.3.8	0	1	0	0	1	0
第二回 STE 現象報告会	オンライン	2022.3.8	1	1	2	0	3	0
海洋波および大気海洋相互作用に関するワークショップ	ハイブリッド/名古屋大学(名古屋市)	2022.3.8-3.9	1	1	0	0	1	0
宇宙および実験室プラズマ中の非線形波動と粒子加速に関する研究集会	ハイブリッド/九州大学(春日市)	2022.3.10-3.11	1	0	0	0	0	0
第16回 ERG サイエンス会議/内部磁気圏研究集会:プラズマ波動解析ワークショップ/ジオスペースにおけるプラズマ・高エネルギー粒子ダイナミクス研究会	オンライン	2022.3.15-3.16	1	1	5	2	8	0
Hotspot2 第3回領域全体会議	オンライン	2022.3.16-3.18	0	1	0	1	2	0
第五回空気シャワー観測による宇宙線の起源探索勉強会	ハイブリッド/東京大学(柏市)	2022.3.22-3.23	1	1	0	2	3	0
実験室・宇宙プラズマにおける波動励起と粒子加速・加熱&閉じ込め磁場配位を利用した宇宙プラズマ模擬実験の検討	オンライン	2022.3.24	1	1	1	0	2	0
EISCAT 研究集会	オンライン	2022.3.25	0	1	0	0	1	0
陸別ユーザズミーティング	オンライン	2022.3.29	0	2	0	1	3	0
太陽地球圏環境予測のためのモデル研究の展望	オンライン	2022.3.31	0	0	1	0	1	1
合 計			27	59	28	39	126	10

受賞

■ 教員

受賞日	受賞者	受賞者の所属・職名	受賞名	受賞対象となった研究課題名等
2021.4.23	中村 紗都子	統合データサイエンスセンター 特任助教	2020 年度笹川科学研究奨励賞	激甚宇宙天気災害時における地磁気誘導電流の日本電力供給へのリスク評価
2021.5.17	西谷 望	国際連携研究センター・准教授	PEPS Most Cited Paper Award 2021	Nishitani, N., J. M. Ruohoniemi, M. Lester, J. B. H. Baker, A. V. Koustov, S. G. Shepherd, G. Chisham, T. Hori et al., Review of the accomplishments of mid-latitude Super Dual Auroral Radar Network (SuperDARN) HF radars. <i>Prog Earth Planet Sci</i> , 6, 27, 2019 (10.1186/s40645-019-0270-5)
	堀 智昭	統合データサイエンスセンター・特任准教授		
2021.9.16	南 雅代	年代測定研究部・教授	令和 3 年度 名古屋大学女性研究者トップリーダー顕彰	研究業績・研究能力に優れ、リーダーとして活躍が期待される女性研究者として授与された。
2021.12.1	高橋 暢宏（共著） 筆頭著者：瀬戸 心太	飛翔体観測推進センター・教授	気象集誌論文賞（JMSJ Award）	全球降水観測計画二周波降水レーダ(GPM/DPR)の降水強度推定アルゴリズム Seto, S., T. Iguchi, R. Meneghini, J. Awaka, T. Kubota, T. Masaki, and N. Takahashi: The Precipitation rate retrieval algorithms for the GPM Dual-frequency Precipitation Radar. <i>J. Meteor. Soc. Japan</i> , 99 (2) , 205–237. 2021 (10.2151/jmsj.2021-011)
2022.1.5	村上 正隆	飛翔体観測推進センター・特任教授	STAC-Level Awards for 2022/STAC Distinguished Scientific/Technological Accomplishment Award	For leading the field of weather modification research by inventing novel approaches for lab and field work and numerical modeling

■ 学生

受賞日	受賞者	受賞者の所属・学年（担当教員名）	受賞名	受賞対象となった研究課題名等
2021.6.3	伊藤 義起	工学研究科電気工学専攻 令和 2 年度博士前期課程修了（指導教員：三好由純）	第 148 回 地球電磁気・地球惑星圏学会 学生発表賞（オーロラメダル）	Computer simulations of precipitating electrons through chorus-wave particle interactions
2021.6.7	河合 敏輝	理学研究科素粒子宇宙物理学専攻 博士後期課程 2 年（指導教員：草野完也）	JpGU Meeting 2021 Outstanding Student Presentation Award	Contribution of small-scale flares to coronal heating estimated by a spectroscopic observation of Hinode
2021.10.9	大橋 健	理学研究科素粒子宇宙物理学専攻 博士後期課程 3 年（指導教員：伊藤好孝）	2021 年秋季大会 日本物理学会学生優秀発表賞（宇宙線・宇宙物理領域）	LHCf-ATLAS 連動解析：超前方中性子イベントの解析 (III)

研究者向け講演会（共同利用研究集会を除く）の実施

ISEE あるいは研究部、グループが主催または共催したもの

開催期間	企画名称	会場	主催・共催	登壇者・講師など	参加人数
2021.5.10 2021.6.15 2021.7.12 2021.8.31 2021.9.30 2021.10.14 2021.11.15 2021.12.21 2022.1.26 2022.3.18	SSE (Space-Sun-Earth) ランチセミナー	オンライン	新学術領域研究「太陽 地 球 圏 環 境 予 測 (PSTEP)」、ISEE	堀 智昭 (ISEE) 三澤 浩昭 (東北大学) 行方 宏介 (国立天文台) 山川 智嗣、山本 和弘 (東京大学) 大場 崇義 (国立天文台) 中溝 葵 (情報通信研究機構) 村上 豪 (宇宙航空研究開発機構) 海老原 祐輔 (京都大学) 中村 勇貴、晝場 清乃 (東北大学) 吉川 顕正 (九州大学)	各回 約 70
2021.5.21 2021.6.8 2021.9.23 2021.11.30 2022.2.10 2022.3.11	SCOSTEP/PRESTO Online Seminar (7th–12th)	オンライン	SCOSTEP/PRESTO, ISEE 国際連携研究セン ター	Franz-Josef Luebken (Leibniz-Institute of Atmospheric Physics, Germany) Kristof Petrovay (ELTE Eotvos Lorand University, Hungary) Richard Eastes (University of Colorado Boulder, USA), Tibor Török (Predictive Science Inc., USA) Cora Randall (University of Colorado Boulder, USA) David J. McComas (Princeton University, USA)	114 159 121 83 155 48
2021.4.29 2021.5.31 2021.6.28 2021.8.19 2021.9.14 2021.10.21 2021.11.16 2022.1.27 2022.3.31	SCOSTEP Online Capacity Building Lecture (4th–12th)	オンライン	SCOSTEP, ISEE 国際連携研究セン ター	Alphonse C. Sterling (NASA, USA) Esa Turunen (Sodankylä Geophysical Observatory, Finland) Keisuke Hosokawa (University of Electro-Communications, Japan) Craig Rodger (University of Otago, New Zealand) Dibyendu Nandi (Indian Institute of Science Education and Research, India) Sarah Gibson (National Center for Atmospheric Research, USA) Samuel Schonfeld (Boston College, USA) Michael Kosch (South African National Space Agency, South Africa) Martin Connors (Athabasca University, Canada)	52 108 114 49 90 40 35 53 39
2021.4.7 2021.5.12 2021.6.2 2021.7.7 2021.8.4 2021.9.8 2021.10.6 2021.11.10 2021.12.1 2022.1.5 2022.2.2	PAWCs 月例オンライン セミナー	オンライン	PAWCs (基盤研究(S) 北極海－大気－植生 －凍土－河川系にお ける水・物質 循環 の 時空間変動：代表者・ 檜山哲哉教授)、ISEE	佐藤 友徳 (北海道大学) 田代 悠人 (ISEE) 近藤 雅征 (ISEE) 飯島 慈裕 (三重大学) 小谷 亜由美 (名古屋大学) 鈴木 和良 (海洋研究開発機構) 植山 雅仁 (大阪府立大学) 岡崎 翌見 (北海道大学) 立花 義裕 (三重大学) 近藤 雅征 (ISEE) 田代 悠人 (ISEE)	21 17 30 27 20 24 29 27 32 25 30
2021.5.13 2021.6.30 2021.7.21 2021.10.21 2021.11.29	2021 年度気象大気研究部 セミナー (第 1 回–第 5 回)	オンライン	ISEE 気象大気研究部	石塚 紳之介 (ISEE) Yunhee Kang (ISEE) 気象大気研究部各研究室 中島 拓 (ISEE) 高橋 暢宏 (ISEE)	各回 約 40