

9. 研究成果

査読論文および著書

■ 査読論文（2022年4月–2023年3月）

- Aalbers, J., S. Abdussalam, K. Abe, V. Aerne, F. Agostini, S. Ahmed Maouloud, D. S. Akerib, D. Y. Akimov, J. Akshat, A. K. Al Musalhi et al. (**Y. Itow, S. Kazama, M. Kobayashi, K. Ozaki**), A next-generation liquid xenon observatory for dark matter and neutrino physics. *J. Phys. G-Nucl. Part. Phys.*, **50(1)**, 013001, Jan. 2023 (10.1088/1361-6471/ac841a).
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学会および研究集会発表（2022年4月–2023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

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 Geosciences Information for Teachers virtual workshop (vGIFT) 2022	オンライン	2022.4.4–4.8	0	0	1	0	1	1
From Forests to Heritage	ハイブリッド／ Amsterdam, Netherlands	2022.4.19–4.21	0	1	0	0	1	1
24th AVAPS Users Group Meeting	オンライン	2022.4.20–4.21	0	1	0	0	1	0
8th MMS Community workshop	ハイブリッド／ Daytona Beach, FL, USA	2022.5.9–5.13	0	0	1	0	1	0
Physics in LHC and Beyond	ハイブリッド／ Matsue, Japan	2022.5.12–5.18	0	1	0	0	1	1
International Symposium on Remote Sensing 2022 (ISRS 2022)	オンライン	2022.5.16–5.18	0	1	0	0	1	0
10th Edition of the Large Hadron Collider Physics Conference (LHCP 2022)	オンライン	2022.5.16–5.22	0	0	1	0	1	0
Japan Geoscience Union Meeting 2022	ハイブリッド／ Chiba, Japan	2022.5.22–5.27	7*	32	13	20	65	1
XeSAT 2022 -International Workshop on Applications of Noble Gas Xenon to Science and Technology	Coimbra, Portugal	2022.5.23–5.26	0	0	2	0	2	1
EGU General Assembly 2022	ハイブリッド／ Vienna, Austria	2022.5.23–5.27	0	1	1	1	3	0
21st International Symposium on Very High Energy Cosmic Ray Interactions (ISVHECRI 2022)	オンライン	2022.5.23–5.28	1	1	0	1	2	1
URSI AT-AP-RASC 2022	ハイブリッド／ Gran Canaria, Spain	2022.5.29–6.3	1*	3	0	0	3	1
SuperDARN Workshop 2022	オンライン	2022.5.30–6.3	0	2	1	2	5	0
ISSI meeting (Team of F. Miyake and I. Usoskin: Solar Extreme Events: Setting Up a Paradigm)	ハイブリッド／ Bern, Switzerland	2022.6.7–6.10	1	1	0	0	1	1
12th Asian Aerosol Conference (AAC2022)	ハイブリッド／ Taipei, Taiwan	2022.6.12–6.16	0	0	1	0	1	0
Unraveling the History of the Universe and Matter Evolution with Underground Physics (UGAP2022)	ハイブリッド／ Chiba, Japan	2022.6.13–6.15	0	1	0	1	2	1
8th International HEPPA-SOLARIS Meeting	Bergen, Norway	2022.6.13–6.15	0	1	0	0	1	1
AmeriDendro2022	ハイブリッド／ Montréal, Canada	2022.6.27–6.30	0	1	0	0	1	1
9th Conference on New Developments in Photodetection	Troyes, France	2022.7.4–7.8	0	1	0	0	1	0
International Conference on High Energy Physics (ICHEP 2022)	ハイブリット／ Bologna, Italy	2022.7.6–7.13	0	1	0	0	1	0
EU SafeSpace 2022	Athens, Greece	2022.7.14–7.15	0	1	0	0	1	1
QCD Workshop	ハイブリッド／ Wako, Japan	2022.7.15	0	1	0	0	1	0
COSPAR 2022, 44th Scientific Assembly	ハイブリッド／ Athens, Greece	2022.7.16–7.24	0	5	2	0	7	3
3rd Pan-GASS Meeting, Understanding and Modeling Atmospheric Processes (UMAP 2022)	Monterey, CA, USA	2022.7.25–7.29	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・SOC・ LOC 等	発表数				招待 講演
				教員	客員・特 任教 員・研究 員等	学生	計	
AOGS2022	オンライン	2022.8.1–8.5	4*	2	1	2	5	2
IBS-KMI joint Workshop	オンライン	2022.8.3–8.5	1	0	1	0	1	1
Advances in Solar MHD Numerical Simulations in the Era of High-Resolution Observations	ハイブリッド／ Eastbourne, UK	2022.8.7–8.10	0	0	1	0	1	1
Triennial Earth-Sun Summit (TESS) 2022	ハイブリッド／ Bellevue, WA, USA	2022.8.8–8.11	0	1	0	0	1	1
20th International EISCAT Symposium	ハイブリッド／ Uppsala, Sweden	2022.8.15–8.19	0	2	0	1	3	0
11th European Conference on Radar in Meteorology and Hydrology (ERAD2022)	ハイブリッド／ Locarno, Switzerland	2022.8.29–9.2	0	2	0	0	2	0
2022 URSI-Japan Radio Science Meeting	Tokyo, Japan	2022.9.1–9.2	0	0	2	3	5	0
Science with LLAMA 2022	ハイブリッド／ Salta, Argentina	2022.9.5–9.8	0	1	0	0	1	0
Plasma Explosions in the Universe 2022	ハイブリッド／ Kyoto, Japan	2022.9.6–9.8	1	1	1	2	4	1
24th Radiocarbon – 10th ¹⁴ C & Archaeology international conferences	Zurich, Switzerland	2022.9.11–9.16	1	1	0	0	1	0
Asian Association of World Histories 2022	ハイブリッド／ New Delhi, India	2022.9.12–9.13	0	0	1	0	1	0
16th International Symposium on Equatorial Aeronomy (ISEA-16)	ハイブリッド／ Uji, Japan	2022.9.12–9.16	1*	2	2	3	7	0
The 14th International School for Space Simulations	オンライン	2022.9.12–9.17	0	0	0	1	1	0
The 2nd DMNet International Symposium “Direct and indirect detection of dark matter”	Heidelberg, Germany	2022.9.13–9.15	3	1	0	0	1	0
DM3 workshop	ハイブリッド／ Kobe, Japan	2022.9.15–9.17	0	0	1	0	1	1
Space Climate 8 Symposium	Krakow, Poland	2022.9.19–9.22	0	2	1	0	3	3
International Colloquium on Equatorial and Low-Latitude Ionosphere	ハイブリッド／ Abuja, Nigeria	2022.9.19–9.23	1	1	0	0	1	1
LIDINE2022	Warsaw, Poland	2022.9.21–9.23	0	1	0	1	2	0
Workshop on Land-Atmosphere Coupling	Takamatsu, Japan	2022.9.26	0	1	0	0	1	0
Workshop on “Challenges in the Understanding of the Global Water Energy Cycle and its Changes in Response to Greenhouse Gases Emissions”	Bern, Switzerland	2022.9.26–9.30	0	1	0	0	1	0
2022 International Heliospheric Data Environment Alianace (HDEA) meeting	オンライン	2022.10.3–10.7	2	1	0	0	1	1
6th International Symposium on Ultra High Energy Cosmic-Rays (UHECR 2022)	L'Aquila, Italy	2022.10.3–10.7	0	0	1	1	2	0
MMS Fall 2022 Science Working Team Meeting	オンライン	2022.10.3–10.7	0	0	1	0	1	0
Internationa Atmospheric Rivers Conference 2022	ハイブリッド／ Santiago, Chile	2022.10.10–10.14	0	1	0	0	1	0
Spase Physics meeting	Oulu, Finland	2022.10.20	0	1	0	0	1	0
The Applied Superconductivity Conference 2022	Honolulu, HI, USA	2022.10.23–10.28	0	0	0	1	1	0
European Space Weather Week 2022	Zagreb, Croatia	2022.10.24–10.28	0	0	1	0	1	1

9. 研究成果

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	
1st VERSIM School	ハイブリッド／Sodankylä, Finland	2022.11.5–11.6	1	1	0	0	1	1	
10th VERSIM Workshop	ハイブリッド／Sodankylä, Finland	2022.11.7–11.11	1	2	0	0	2	1	
The Solar Polarization Workshop 10	ハイブリッド／Kyoto, Japan	2022.11.7–11.11	1	0	0	0	0	0	
The 31st International Toki Conference on Plasma and Fusion Research	オンライン	2022.11.8–11.11	0	1	0	0	1	0	
The 5th ISEE Symposium: Toward the Future of Space–Earth Environmental Research	ハイブリッド／Nagoya, Japan	2022.11.15–11.17	15	33	6	20	59	0	
3rd Workshop for Atmospheric Neutrino Production in the MeV to PeV range (WANP2022)	ハイブリッド／Nagoya, Japan	2022.11.17–11.18	2	1	0	0	1	1	
The 9th International Seminar on Aerospace Science and Technology (ISAST 2022)	オンライン	2022.11.22–11.23	0	1	0	0	1	1	
The 35th International Symposium on Superconductivity (ISS2022)	ハイブリッド／Nagoya, Japan	2022.11.29–12.1	0	1	0	0	1	1	
AGU Fall Meeting 2022	ハイブリッド／Chicago, IL, USA	2022.12.12–12.26	0	8	11	11	30	4	
10th Asian - 19th Japan/Korean Workshop on Ocean Color (AWOC/JKWOC)	オンライン	2022.12.13–12.15	0	1	0	3	4	0	
RIKEN-NICT-East Asia Receiver Joint Workshop	ハイブリッド／Wako, Japan	2022.12.14–12.15	1	1	0	0	1	1	
The 4th KMI school - Statistical Data Analysis and Anomalies in Particle Physics and Astrophysics	ハイブリッド／Nagoya, Japan	2022.12.14–12.17	3	0	0	0	0	0	
iLEAPS - OzFlux joint 2023 Conference	ハイブリッド／Auckland, New Zealand	2023.1.31–2.3	1*	0	0	0	0	0	
The 5th KMI International Symposium (KMI2023)	Nagoya, Japan	2023.2.20–2.21	3	1	1	0	2	2	
The Seventh International Symposium on Arctic Research (ISAR-7)	ハイブリッド／Tachikawa, Japan	2023.3.6–3.10	1	12	4	0	16	1	
2nd International Workshop on Forward Physics and Forward Calorimeter Upgrade in ALICE)	Tsukuba, Japan	2023.3.13–3.15	0	1	0	0	1	1	
Joint Workshop of “Physics and application of whistler waves” and “Future perspective of study on nonlinear wave-particle interaction”	ハイブリッド／Uji, Japan	2023.3.16–3.17	0	0	1	0	1	0	
Russian Conference with International Participation, Commemorating 150th Birthday of Mikhail Sumgin; Coupled natural and technical systems in permafrost regions under changing climate	ハイブリッド／Yakutsk, Russia	2023.3.22–3.23	0	1	0	0	1	0	
ICCP-GSRA Workshop 2023, jointly with 2nd EarthCARE Modeling Workshop for improving cloud and radiation of climate models	Izu, Japan	2023.3.27–3.29	0	1	0	0	1	0	
Symposium on the Future of Heliospheric Science: From Geotail and Beyond	ハイブリッド／Tokyo, Japan	2023.3.28–3.31	2	4	2	0	6	3	
合 計				41 14*	149	62	74	285	45

■ 国内学会

*セッションコンピーナ

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	
日本気象学会 2022 年度春季大会	オンライン	2022.5.17–5.21	0	3	4	6	13	0	
日本科学史学会 2022 年度総会・第 69 会年会	オンライン	2022.5.27–5.29	0	0	1	0	1	1	
測位航法学会全国大会 2022	オンライン	2022.6.8–6.10	0	0	1	2	3	0	
日本海洋学会 2022 年度秋季大会	ハイブリッド／名古屋大学（名古屋市）	2022.9.3–9.7/9.12	2	2	0	1	3	0	
日本地質学会第 129 年学術大会	ハイブリッド／早稲田大学（東京都）	2022.9.4–9.6/ 9.10–9.11	0	0	1	0	1	0	
水文・水資源学会 日本文水学会 2022 年度 総会・研究発表会	ハイブリッド／京都大学（宇治市）	2022.9.4–9.7	0	3	2	0	5	0	
日本物理学会 2022 年秋季大会	ハイブリッド／岡山理科大学（岡山市）	2022.9.6–9.8	0	2	1	3	6	0	
2022 年度日本地球化学会第 69 回年会	ハイブリッド／高知大学（高知市）	2022.9.7–9.9	1*	2	0	1	3	0	
日本天文学会 2022 年秋季年会	ハイブリッド／新潟大学（新潟市）	2022.9.13–9.15	0	3	0	4	7	0	
第 83 回応用物理学会秋季学術講演会	ハイブリッド／東北大大学（仙台市）	2022.9.20–9.23	0	1	0	0	1	0	
日本流体力学会年会 2022	京都大学（京都市）	2022.9.27–9.29	0	1	0	0	1	0	
第 12 回日本ジオパーク全国大会白山手取川大会	松任文化会館（白山市）	2022.10.21–10.23	0	0	1	0	1	0	
日本気象学会 2022 年度秋季大会	ハイブリッド／北海道大学（札幌市）	2022.10.24–10.27	0	3	5	5	13	0	
第 152 回 地球電磁気・地球惑星圏学会総会・講演会	ハイブリッド／相模原市立産業会館（相模原市）	2022.11.4–11.7	3*	16	9	17	42	4	
第 27 回大気化学討論会	ハイブリッド／つくば国際会議場（つくば市）	2022.11.16–11.18	0	1	0	1	2	0	
日本気象学会中部支部研究会	ハイブリッド／名古屋大学（名古屋市）	2022.11.28–11.29	0	0	0	7	7	0	
第 187 回ハイパフォーマンスコンピューティング研究発表会	ハイブリッド／沖縄産業支援センター（那覇市）	2022.12.1–12.2	0	1	0	0	1	0	
2023 年電子情報通信学会総合大会	ハイブリッド／芝浦工業大学（さいたま市）	2023.3.7–3.10	0	1	0	0	1	0	
日本天文学会 2023 年春季年会	ハイブリッド／立教大学（東京都）	2023.3.13–3.16	0	4	2	2	8	0	
第 70 回応用物理学会春季学術講演会	ハイブリッド／上智大学（東京都）	2023.3.15–3.18	0	1	0	0	1	0	
第 188 回ハイパフォーマンスコンピューティング研究発表会	ハイブリッド／北海道大学（札幌市）	2023.3.16–3.17	0	1	0	0	1	0	
日本物理学会 2023 年春季大会	オンライン	2023.3.22–3.25	0	4	3	4	11	1	
合 計				2 4*	49	30	53	132	6

■ 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
NII 学術情報基盤オープンフォーラム 2022	オンライン	2022.5.30–6.2	0	1	0	0	1	1
2022 年度 名古屋大学物理学教室 憲章記念日講演会「異分野融合を語る」	ハイブリッド／名古屋大学（名古屋市）	2022.6.13	0	1	0	0	1	1
海洋表層関連過程に関する分野間交流ワークショップ	ハイブリッド／名古屋大学（名古屋市）	2022.7.25–7.26	1	0	0	0	0	0
2021 年度（令和 3 年度）名古屋大学 HPC 計算科学連携研究プロジェクト成果報告会	ハイブリッド／名古屋大学（名古屋市）	2022.7.26	0	0	1	0	1	0
太陽研連 2022 年度将来計画シンポジウム	オンライン	2022.8.17	0	0	1	0	1	1
第 9 回「富岳」を中心とする HPCI システム利用研究課題 成果報告会	オンライン	2022.8.27–8.28	0	0	1	0	1	1
ドローンは海洋観測のゲームチェンジャーとなるか？（日本海洋学会 2022 年度秋季大会シンポジウム）	ハイブリッド／名古屋大学（名古屋市）	2022.9.5	1	0	0	0	0	0
第 474 回生存圏シンポジウム／第 16 回 MU レーダー・赤道大気レーダーシンポジウム	オンライン	2022.9.5–9.6	0	1	1	0	2	0
海中粒子研究の現状と展望（日本海洋学会 2022 年度秋季大会シンポジウム）	ハイブリッド／名古屋大学（名古屋市）	2022.9.7	1	1	0	0	1	0
シンポジウム-太陽地球環境研究の現状と将来（SGEPSS 若手会 夏の学校）	ハイブリッド／休暇村志賀島（福岡市）	2022.9.7–9.9	0	0	0	4	4	0
南大洋・南極の堆積物研究と環境変動に関する若手研究集会	高知大学（南国市）	2022.9.12–9.12	0	0	1	0	1	0
脈動オーロラ研究集会	ハイブリッド／名古屋大学（名古屋市）	2022.9.20–9.21	1	2	0	2	4	0
ジオスペースの低エネルギークラスマ研究集会	ハイブリッド／名古屋大学（名古屋市）	2022.9.22	1	2	0	4	6	0
第 17 回 ERG サイエンス会議	ハイブリッド／東京大学（東京都）	2022.9.26–9.28	1	2	6	3	11	1
令和 4 年（2022 年）度・第 1 回 STE（太陽地球環境）現象報告会	ハイブリッド／名古屋大学（名古屋市）	2022.9.27	1	1	0	0	1	1
中間圈・熱圈・電離圈 (MTI) 研究集会	ハイブリッド／名古屋大学（名古屋市）	2022.9.28–9.29	1	1	0	2	3	1
宇宙空間からの地球超高層大気観測に関する研究会	ハイブリッド／名古屋大学（名古屋市）	2022.9.28–9.29	1	1	0	0	1	1
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	ハイブリッド／名古屋大学（名古屋市）	2022.9.29–9.30	1	0	1	1	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研究会 OLaReS 勉強会	広島大学（広島市）	2022.10.15	0	1	0	0	1	0
地球観測衛星研究連絡会	オンライン	2022.10.24	0	1	0	0	1	0
2022 年度新学術領域「ニュートリノで拓く素粒子と宇宙」研究会	ハイブリッド／京都大学（京都市）	2022.11.1–11.3	0	1	0	1	2	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）	2022.11.11–11.12	1	0	0	2	2	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
上出洋介先生追悼研究集会「太陽地球系現象の理解と予測を目指して」	ハイブリッド／名古屋大学（名古屋市）	2022.11.14	5	2	0	0	2	0
「長野県は宇宙県」の天文史 100 年と市民科学	ハイブリッド／諏訪市駅前交流テラスすわっチャオ（諏訪市）	2022.11.18	0	0	1	0	1	0
第 3 回新学術「地下宇宙」若手研究会	ハイブリッド／名古屋大学（名古屋市）	2022.11.23–11.24	0	0	0	1	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）	2022.11.26–11.27	1	1	0	0	1	0
第 23 回 AMS シンポジウム	ホテルキャッスル山形（山形市）	2022.12.1–12.2	0	3	0	0	3	0
iLEAPS-Japan 研究集会 2022 大気–陸面プロセスの研究の進展：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）	2022.12.1–12.2	1	0	3	0	3	0
2022 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	2022.12.6	1	3	1	0	4	0
日本質量分析学会同位体比部会 2022	起雲閣（熱海市）	2022.12.12–12.13	1	1	0	1	2	1
第 35 回 理論懇シンポジウム「理論天文学・宇宙物理学の広がり：さらなる発展に向けて」	コラッセ福島（福島市）	2022.12.21–12.23	0	1	0	0	1	1
2022 年度 Conductivity Anomaly 研究会 (SGEPSS 分科会) 「海域における地震・火山災害の軽減に資する地球電磁気学的アプローチの探求」	京都大学（宇治市）	2022.12.26–12.27	0	1	0	0	1	0
「降水システムの構造と豪雨災害軽減に向けた研究」集会	京都大学（宇治市）	2023.1.5	0	0	0	1	1	0
第 23 回宇宙科学シンポジウム	オンライン	2023.1.5–1.6	0	4	0	0	4	0
第 30 回汽水域研究発表会／汽水域研究会第 11 回例会	ハイブリッド／島根大学（松江市）	2023.1.7–1.8	0	0	1	0	1	0
BepiColombo が拓く太陽圏システム科学の新展開～太陽圏×惑星圏×磁気圏～	ハイブリッド／名古屋大学（名古屋市）	2023.1.16–1.17	2	1	0	0	1	0
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）	2023.1.19–1.20	1	0	0	0	0	0
国立研究開発法人連携講座フロンティア宇宙工学研究拠点（地球観測センサ科学研究拠点）ワークショップ「地球観測センサと情報システムの協働」	ハイブリッド・東京大学（東京都文京区）	2023.1.25	0	1	0	0	1	0
2022 年度 国立天文台 CfCA ユーザーズミーティング	ハイブリッド／国立天文台（三鷹市）	2023.1.26–1.27	0	0	1	0	1	1
飛騨天文台ユーザーズミーティング	オンライン	2023.2.7	0	1	0	0	1	0
第 9 回波と平均流の相互作用に関する研究会	東北大（仙台市）	2023.2.15–2.16	0	1	0	0	1	0
陸別・母子里ユーザーズミーティング	ハイブリッド／陸別町役場（陸別町）	2023.2.17	0	1	0	0	1	0
宇宙地球環境の理解に向けての数理統計的アプローチ	オンライン	2023.2.20	1	0	0	1	1	0
第 24 回惑星圏研究会 (SPS2023)	ハイブリッド／東北大（仙台市）	2023.2.20–2.22	0	1	0	0	1	1
太陽研連シンポジウム 2022	ハイブリッド／名古屋大学（名古屋市）	2023.2.20–2.22	2	3	3	1	7	3

9. 研究成果

学会等の名前	開催場所	開催期間	会議運営 コンピューナ・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	
フォトニックネットワークシンポジウム 2023	情報通信研究機構(小金井市)	2023.2.21–2.22	0	1	0	0	1	0	
第34回(2022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	2023.2.24	0	1	1	1	3	0	
太陽地球環境と宇宙線モジュレーション／太陽圈・宇宙線関連の共同研究成果報告会	オンライン	2023.2.28–3.1	1	1	0	0	1	0	
第二回 STE 現象報告会	オンライン	2023.3.1	1	1	1	0	2	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)	2023.3.2–3.3	1	0	1	0	1	0	
第2回成果創出加速プログラム研究交流会「富岳百景」	オンライン	2023.3.7–3.8	0	0	1	0	1	0	
SKA-Japan ワークショップ	ハイブリッド／国立天文台(三鷹市)	2023.3.7–3.9	0	1	0	0	1	1	
第5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	ハイブリッド／名古屋大学(名古屋市)	2023.3.8–3.9	1	0	0	0	0	0	
STE シミュレーション研究会:次世代HPCにおけるSTPシミュレーション・RISH 電波科学計算機実験(KDK)シンポジウム合同研究集会	ハイブリッド／京都大学(京都市)	2023.3.8–3.10	1	1	0	1	2	0	
極域・中緯度 SuperDARN 研究集会	ハイブリッド／国立極地研究所(立川市)	2023.3.9	1	3	2	3	8	0	
第18回 ERG サイエンス会議	オンライン	2023.3.1–3.2	1	1	5	6	12	0	
科学データ研究会+WDS 国内シンポジウム(第10回)	オンライン	2023.3.15	1	1	0	0	1	0	
「ホイスラー波の物理と応用」及び「非線形波動粒子相互作用研究の将来展望」の合同研究会	ハイブリッド／京都大学(京都市)	2023.3.16–3.17	1	0	0	0	0	0	
EISCAT 研究集会	オンライン	2023.3.17–3.23	1	4	0	0	4	0	
太陽地球惑星圏の研究領域における将来衛星計画検討会	ハイブリッド／名古屋大学(名古屋市)	2023.3.20	1	0	0	0	0	0	
第2回地磁気誘導電流(GIC)研究会	オンライン	2023.3.22	1	0	1	0	1	0	
2022年度GPM および衛星シミュレータ合同研究集会	ハイブリッド／名古屋大学(名古屋市)	2023.3.23–3.24	0	0	1	0	1	1	
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	2023.3.24	1	0	0	0	0	0	
第六回 空気シャワー観測による宇宙線の起源探索研究会	名古屋大学(名古屋市)	2023.3.27–3.28	1	1	0	0	1	0	
合 計				40	57	35	35	127	18

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
2022.4.20	草野 完也	宇宙地球環境研究所・所長／総合解析研究部・教授	令和4年度科学技術分野の文部科学大臣表彰	巨大太陽フレアの精密予測と発生機構に関する研究
	坪木 和久	統合データサイエンスセンター・教授		航空機観測と数値モデルによる台風強度の研究
2022.6.30	三宅 芙沙	宇宙線研究部・准教授	José A. Boninsegna Frontiers in Dendrochronology Award	炭素14スパイクの発見による、年輪炭素14の応用研究（年代測定や年輪年代の拡張など）への貢献
2022.9.5	石坂 承二	国際連携研究センター・教授	2022年度日本海洋学会 宇田賞	海色衛星情報を利用した海洋研究の推進
2022.10.28	飯島 陽久	総合解析研究部・特任助教	HPCI利用研究課題優秀成果賞	低速太陽風の3次元輻射磁気流体計算
2022.11.6	中村 紗都子	統合データサイエンスセンター・特任助教	地球電磁気・地球惑星圏学会 大林奨励賞	衛星観測を用いた地球磁気圏で観測される電磁イオンサイクロトロン波に関する研究
2022.11.25	中村 紗都子	統合データサイエンスセンター・特任助教	エヌエフ基金研究開発奨励賞 優秀賞	未経験の宇宙天気災害時における日本の送電網のリスク予測モデル開発
2022.11.30	中村 紗都子	統合データサイエンスセンター・特任助教	第11回名古屋大学石田賞	宇宙天気災害における地磁気誘導電流の日本電力網へのリスク評価
2023.1.11	増永 浩彦	気象大気研究部・准教授	2022 ASLI (Atmospheric Science Librarians International) Choice (Science and Technology) Award	雲と降水の衛星観測に関する専門書『Satellite Measurements of Clouds and Precipitation: Theoretical Basis』(Springer社)
2023.1.31	中村 紗都子	統合データサイエンスセンター・特任助教	第17回わかしやち奨励賞 優秀賞	激甚宇宙天気災害時の送電網リスク評価：東海地域への観測網拡充
2023.2.24	新堀 淳樹 (共著:大塚 雄一、惣宇利 卓弥、西谷 望)	電磁気圏研究部・特任助教	Earth Planets Space (EPS)誌 Highlighted Papers 2022	Shinbori, A., Y. Otsuka, T. Sori, M. Nishioka, S. Perwitasari, T. Tsuda and N. Nishitan, Electromagnetic conjugacy of ionospheric disturbances after the 2022 Hunga Tonga-Hunga Ha'apai volcanic eruption as seen in GNSS-TEC and SuperDARN Hokkaido pair of radars observations
2023.3.8	飯島 陽久	総合解析研究部・特任助教	第2回「富岳」成果創出加速プログラム研究交流会 次世代研究者賞	磁気乱流が駆動する太陽からの超音速プラズマ流

9. 研究成果

■ 研究員

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
2022.10.7	田代 悠人	陸域海洋圏生態研究部・研究員	水文・水資源学会／日本水文科学会 2022 年度研究発表会 優秀発表賞	1995-1997 年のアムール川本流における溶存鉄濃度上昇について：大気再解析データを用いた初期解析

■ 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
2022.6.4	松本 圭太郎	理学研究科素粒子宇宙物理学専攻 博士前期課程2年(指導教員：増田智)	JpGU Meeting 2022 Outstanding Student Presentation Award	Study of electron acceleration/propagation processes in a solar flare using Nobeyama Radioheliograph
	中田 空	理学研究科素粒子宇宙物理学専攻 博士前期課程2年(指導教員：岩井一正)		Analysis of the plasma upflows and the global structure of the magnetic field lines using Hinode/EIS observation and PFSS extrapolation
2022.6.15	青山 直樹	理学研究科素粒子宇宙物理学専攻 博士前期課程2年(指導教員：伊藤好孝)	Unraveling the History of the Universe and Matter Evolution with Underground Physics (UGAP2022) Best Poster Award	Development of coated electrodes with low quantum efficiency for the DARWIN experiment
2022.8.5	前田 大輝	工学研究科電気工学専攻 博士前期課程1年(指導教員：能勢正仁)	Asia Oceania Geosciences Society (AOGS) 2022 Best Student Poster Award	Low-cost Magnetometers Using Magneto-impedance (MI) Sensors

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
2022.4.28				Evan G. Thomas (Dartmouth College, USA)	68
2022.7.12				Lucilla Alfonsi (Istituto Nazionale di Geofisica e Vulcanologia, Italy)	61
2022.9.8	SCOSTEP Online Capacity Building Lecture (13th–16th)	オンライン	SCOSTEP, ISEE 国際連携研究センター	Hugh Hudson (University of Glasgow, UK) Pekka Verronen (Finnish Meteorological Institute/Sodankylä Geophysical Observatory, University of Oulu, Finland)	99
2022.10.25					65

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
2022.5.11 2022.6.16 2022.7.5 2022.9.23	SCOSTEP/PRESTO Online Seminar (12th–15th)	オンライン	SCOSTEP/PRESTO, ISEE 国際連携研究センター	David J. McComas (Princeton University, USA) Theodosios Chatzistergos (Max Planck Institute for Solar System Research, Germany) Christine Gabrielse (The Aerospace Corporation, USA), Manolis K. Georgoulis (Research Center for Astronomy of the Academy of Athens, Greece)	48 32 30 61
2022.5.12 2022.7.7 2022.12.20 2023.2.9 2023.2.20 2023.2.27 2023.3.30	ISEE/CICR colloquium (63th–69th)	オンライン	SCOSTEP, ISEE 国際連携研究センター	Jyrki Manninen (Sodankyla Geophysical Observatory, University of Oulu, Finland) Rangaiah Kariyappa (Indian Institute of Astrophysics, India) Rumi Nakamura (Space Research Institute, Austrian Academy of Sciences) Pavlo Ponomarenko (University of Saskatchewan, Canada) Hermann Opgenoorth (University of Umeå, Sweden) Matthias Förster (GFZ German Research Centre for Geosciences, Germany) Gary P. Zank (University of Alabama in Huntsville, USA)	35 16 22 38 16 11 11
2022.4.6 2022.5.11 2022.6.8 2022.7.6 2022.8.3 2022.10.5 2022.11.2 2022.12.7 2023.1.11 2023.2.8	PAWCs 月例オンラインセミナー	オンライン	PAWCs (基盤研究(S)北極海一大気－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	福富 慶樹 (ISEE) 伊藤 昭彦 (国立環境研究所) 中井 太郎 (国立台湾大学) 水落 裕樹 (産業技術総合研究所) 金森 大成 (ISEE) 檜山 哲哉 (ISEE) 檜山 哲哉 (ISEE) 永野 博彦 (新潟大学) 小谷 亜由美 (名古屋大学) 福富 慶樹 (ISEE)	28 18 19 19 33 15 14 25 24 30
2022.5.19 2022.6.15 2022.7.13 2022.8.24 2022.9.29 2022.10.19 2022.11.24 2022.12.7 2023.1.11 2023.2.24 2022.3.7	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	飯島 陽久 (ISEE) 堺 正太朗 (東北大大学) 一本 潔 (京都大学) 高田 雅康 (東京大学) 川畑 佑典 (国立天文台) 西塙 直人 (情報通信研究機構) 櫻井 隆 (国立天文台) 栗田 怜 (京都大学) 村瀬 清華 (総研大学・極地研究所) 佐藤 光輝 (北海道大学) Liu Huixin (九州大学)	各回約 70
2022.6.15 2022.7.2 2022.11.25 2022.12.26	2022 年度気象大気研究部セミナー	ハイブリッド(名古屋大学研究所共同館Ⅱ)	ISEE 気象大気研究部	Yunhua Chang (ISEE) 気象大気研究部各研究室 水野 亮 (ISEE) Yi-Chien Chen (ISEE)	30 31 36 26
2022.6.29	Seminar Talk	ハイブリッド(名古屋大学研究所共同館Ⅰ)	ISEE 太陽圏研究部	Bernard V. Jackson (University of California, San Diego, USA)	10
2022.10.6	特別セミナー	ハイブリッド(名古屋大学研究所共同館Ⅱ)	ISEE 太陽圏研究部	浅山 信一郎 (SKA Observatory)	40