

10. 研究成果

査読論文および著書

■ 査読論文 (2017年4月–2018年3月)

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■ 著書 (2017年4月–2018年3月)

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栗田直幸, 昭和基地における温暖イベントの発生メカニズム. *南極氷床と大気物質循環・気候* (気象研究ノート第233号), 259–269, 平沢尚彦・山内恭編, 452pp, 日本気象学会、東京、Aug. 31, 2018 (ISBN:978-4-904129-16-6).

Sakai, T., H. Takakura, M. Okumura, S. Hatta, Y. Yosikawa, **T. Hiyama**, and Y. Yamaguchi, Monitoring spring floods on the Lena River using multiple satellite sensors. in *Global Warming and Human - Nature Dimension in Northern Eurasia (Global Environmental Studies)*, 53–69, edited by **T. Hiyama**, and H. Takakura, 224pp, Springer, Singapore, 2018 (10.1007/978-981-10-4648-3_4).

下田陽久, 中島映至、本多嘉明、笠井康子、若林裕之、中村健治、**高橋暢宏**、杉本伸夫、今須良一、操野年之、江淵直人、第1章「総論」. *地球観測の将来構想に関わる世界動向の分析* (気象研究ノート第234号), TF地球科学研究高度化ワーキンググループ編, 77pp, 日本気象学会、東京、Nov. 10, 2017 (ISBN:978-4-904129-17-3).

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学会および研究集会発表

■ 国際学会・研究集会・シンポジウム等（2017年4月–2018年3月）

*セッションコンピュータ

学会等の名前	開催場所	開催期間	会議室 コンピ 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
Birkeland 150 year Anniversary Symposium “The Heritage of Kristian Birkeland and beyond”	Tokyo, Japan	H29.4.6	0	2	0	0	2	2
The First International Workshop of SCMREX RDP	Beijing, China	H29.4.12–4.13	0	1	0	0	1	0
Laser Solution for Space and the Earth (LSSE2017)	Yokohama, Japan	H29.4.18–4.21	0	1	0	0	1	1
European Geosciences Union General Assembly	Vienna, Austria	H29.4.23–4.28	0	2	0	0	2	1
International Conference on Mars Aeronomy	Boulder, Colorado, USA	H29.5.15–5.19	0	0	0	1	1	0
2017 International Space Weather Meridian Circle Program Workshop	Qingdao, China	H29.5.15–5.27	0	2	1	0	3	2
Intenational Symposium on Remote Sensing 2017 (ISRS2017)	Nagoya, Japan	H29.5.17–5.19	1	4	2	2	8	1
JpGU-AGU Joint Meeting 2017	Chiba, Japan	H29.5.20–5.25	13*	28	12	25	65	7
The 18th EISCAT international symposium	Tachikawa, Japan	H29.5.26–5.30	3	5	0	0	5	0
15th International Workshop on Technical and Scientific Aspects of MST radar	Tachikawa, Japan	H29.5.27–5.31	1	1	1	0	2	0
NDACC-IRWG/TCCON annual meeting 2017	Paris, France	H29.5.29–6.2	0	2	0	0	2	0
Meteorology Departmental Seminar	Reading, UK	H29.5.30	0	1	0	0	1	0
Joint Hinode-11/IRIS-8 Science Meeting	Seattle, Washington, USA	H29.5.30–6.2	0	1	1	0	2	1
2017 SuperDARN Workshop	San Quirico d’Orcia, Italy	H29.6.4–6.9	0	1	0	0	1	0
13th International Workshop on Greenhouse Gas Measurements from Space (IWGGMS)	Helsinki, Finland	H29.6.6–6.8	0	0	0	1	1	0
33rd Symposium on Chemical Kinetics and Dynamics	Nagoya, Japan	H29.6.7–6.9	0	1	0	0	1	0
CEDAR Workshop	Keystone, Colorado, USA	H29.6.18–6.23	0	0	0	2	2	0
The International Symposium on Cloud Physics & Weather Modification	Beijing, China	H29.6.19–6.21	0	0	1	0	1	1
RHIC&AGS Annual Users’ Meeting	Upton, New York, USA	H29.6.20–6.23	0	1	0	0	1	1
FLARECAST Science Workshop	Paris, France	H29.6.26–6.29	0	1	0	0	1	0
American Meteorological Society: 21st Conference on Atmospheric and Oceanic Fluid Dynamics	Portland, Oregon, USA	H29.6.26–6.30	0	2	0	0	2	0
The 17th conference on Elastic and Diffractive scattering (EDS Blois 2017)	Prague, Czech	H.29.6.26–6.30	0	0	0	1	1	0
Symposium “Evolution of Molecules in Space”	Sapporo, Japan	H29.6.27–6.29	0	1	0	0	1	0
2nd Asian Conference on Permafrost (ACOP2017)	Sapporo, Japan	H29.7.2–7.6	0	2	1	0	3	0
8th International Conference on New Development in Photodetection	Tours, France	H29.7.3–7.6	0	1	0	0	1	0
2nd International Conference on Airborne Research for the Environment (ICARE 2017)	Oberpfaffenhofen, Germany	H29.7.10–7.13	0	1	0	0	1	0
Future of Cumulus Parametrization Workshop	Delft, Netherlands	H29.7.10–10.14	0	1	0	0	1	0
The 2nd VarSITI General Symposium (VarSITI-2017)	Irkutsk, Russia	H29.7.10–10.15	1	2	0	1	3	0
35th International Cosmic-Ray Conference (ICRC2017)	Busan, Korea	H29.7.12–7.20	0	1	1	2	4	1

学会等の名前	開催場所	開催期間	会議運営 コンピ 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
IAU Symposia (IAUS335) Space Weather of the Heliosphere: Processes and Forecasts	Exeter, UK	H29.7.17-7.21	1	0	0	0	0	0
Daiwa-Adrian workshop	Dorking, UK	H29.7.19-7.21	0	1	0	0	1	0
The 14th AOGS (Asia Oceania Geosciences Society) Annual Meeting	Singapore	H29.8.6-8.11	0	5	3	1	9	3
21st International Northern Research Basins Symposium and Workshop	Yakutsk, Russia	H29.8.6-8.12	0	1	0	0	1	0
14th International Conference on Accelerator Mass Spectrometry	Ottawa, Canada	H29.8.14-8.18	1	4	2	0	6	0
32th International Union of Radio Science (URSI) General Assembly & Scientific Symposium	Montreal, Canada	H.29.8.19-8.26	0	1	1	0	2	0
48th Meeting SPD	Portland, Oregon, USA	H29.8.21-8.25	0	1	0	0	1	0
IAGA-IAMAS-IAPSO (Good Hope for Earth Sciences)	Cape Town, South Africa	H29.8.27-9.1	0	1	0	0	1	1
38th Conference on Radar Meteorology	Chicago, Illinois, USA	H29.8.28-9.1	0	2	0	1	3	0
The 8th International Symposium of Advanced Energy Science: Interdisciplinary Approach to Zero-Emission Energy	Uji, Japan	H29.9.5-9.7	0	1	0	0	1	1
The 3rd ERG Mission Science Workshop	Taipei, Taiwan	H29.9.5-9.8	2	1	2	0	3	0
EISCAT_3D kickoff meeting	Tromsø, Norway	H29.9.6-9.8	0	1	0	0	1	0
5th iLEAPS Science Conference	Oxford, UK	H29.9.11-9.14	0	1	1	0	2	0
Jeju World Heritage Global Forum 2017	Jeju Island, Korea	H29.9.11-9.14	0	1	0	0	1	1
6th Asia-Pacific Symposium on Radiochemistry (APSORC17)	Jeju Island, Korea	H29.9.17-9.22	0	1	0	0	1	0
25th International Conference on Numerical Simulation of Plasmas (ICNSP 2017)	Leuven, Belgium	H29.9.18-9.20	0	2	0	0	2	0
The 3rd COSPAR Symposium 2017	Jeju Island, Korea	H29.9.18-9.22	0	1	0	0	1	1
1st Asia-Pacific Conference on Plasma Physics	Chengdu, China	H29.9.18-9.23	0	1	0	0	1	0
LMD Seminar	Paris, France	H29.9.21	0	1	0	0	1	0
BepiColombo Science Working Team Meeting #16	Matera, Italy	H29.9.23-9.27	0	1	0	0	1	0
13th International conference on substorms	Portsmouth, New Hampshire, USA	H29.9.25-9.29	0	2	0	1	3	1
Workshop on forward physics and high-energy scattering at zero degrees 2017 (HESZ2017)	Nagoya, Japan	H29.9.26-9.29	2	1	0	1	2	1
World Data System Asia-Oceania Conference 2017	Kyoto, Japan	H29.9.27-9.29	1	1	0	0	1	0
Isotope for Tropical Ecosystem Studies	San José, Costa Rica	H29.10.2-10.6	0	1	0	0	1	1
ATS (Atmospheric Science) / CIRA (Cooperative Institute for Research in th Atmosphere) Colloquium	Fort Collins, Colorado, USA	H29.10.13	0	1	0	0	1	0
Third Research Coordination Meeting (RCM) on "Stable isotopes in precipitation and paleoclimatic archives in tropical areas to improve regional hydrological and climatic impact models"	Vienna, Austria	H29.10.16-10.20	0	1	0	0	1	0
12th International Conference on Mesoscale Convective Systems and High-Impact Weather in East Asia (ICMCS-XII)	Taipei, Taiwan	H29.10.17-10.20	2	2	1	1	4	0
Progress towards improving CME forecast	Nagoya, Japan	H29.10.30	0	1	0	0	1	0

学会等の名前	開催場所	開催期間	会議室 コンピ 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
CHAMOS workshop	Helsinki, Finland	H29.10.30-11.3	0	3	0	0	3	0
Enviro-Health Conference 2017 - Air Pollution & Future Strategies with a Focus on the NCT of Delhi	New Delhi, India	H29.11.2	0	1	0	0	1	0
Korea-Japan Space Weather Meeting	Naogyu, Japan	H29.11.6	0	6	1	2	9	0
The 4th Asia-Pacific Solar Physics Meeting (APSPM2017)	Kyoto, Japan	H29.11.7-11.10	1	2	0	1	3	1
The 17th Australian Space Research Conference (ASRC)	Sydney, Australia	H29.11.13-11.15	0	0	0	1	1	0
6th WMO International Workshop on Monsoons (IWM-VI)	Singapore	H29.11.13-11.17	0	2	0	0	2	1
International Workshop "Across the Movius Line - Cultural Geography of South and Southeast Asia in the Late Pleistocene"	Tokyo, Japan	H29.11.18-11.19	0	1	0	0	1	0
Helicity Thinkshop 3	Tokyo, Japan	H29.11.19-11.23	0	1	2	0	3	1
EA-AMS-7	Guilin, China	H29.11.20-11.25	0	0	1	0	1	0
The 19th East Asia Sub-millimeter-wave Receiver Technology Workshop	Taipei, Taiwan	H29.11.28-11.30	0	0	0	1	1	0
Into the Red Dragon's Lair: Four-in-One Workshop Tackling Outstanding Problems in Heliophysics and Space Weather	Cardiff, Wales, UK	H29.12.3-12.8	0	1	0	0	1	0
Climate Change Cluster (C3) Colloquium 2017: AQUAFLUO II Chlorophyll Fluorescence in Aquatic Sciences	Sydney, Australia	H29.12.4-12.8	0	1	1	0	2	0
AGU Fall Meeting 2017	New Orleans, Louisiana, USA	H29.12.11-12.15	0	7	6	10	23	1
The 5th Asia & 14th Korea-Japan Workshop on Ocean Color Remote Sensing	Busan, Korea	H29.12.14-12.15	0	2	2	2	6	0
ALMA/45m/ASTE Users Meeting 2017	Mitaka, Japan	H29.12.26-12.27	0	1	0	0	1	0
Review of mid-latitude SuperDARN follow-up workshop	Nagoya, Japan	H30.1.9-1.12	1	0	0	0	0	0
SGO Observatory Days	Sodankylä, Finland	H30.1.10-1.12	0	1	0	0	1	0
Fifth International Symposium on Arctic Research (ISAR-5)	Tokyo, Japan	H30.1.15-1.18	0	7	2	0	9	0
Symposium - Frontiers of Atmospheric Aerosol Studies: Toward the Understanding of the Health and Climatic Effects	Nagoya, Japan	H30.1.23-1.24	1	2	0	0	2	0
International conference series on HPC technologies in Asia Pacific region	Tokyo, Japan	H30.1.28-1.31	0	1	0	0	1	0
2018 Ocean Sciences Meeting	Portland, Oregon, USA	H30.2.11-2.16	0	0	2	0	2	0
DKIST CSP Workshop at Nagoya University	Nagoya, Japan	H30.2.26-2.28	0	1	2	0	3	0
Minutes of the LHC Committee meeting 133, Open Session	Geneve, Switzerland	H30.2.28-3.2	0	0	1	0	1	0
The 1st KMI School: "Dark Matter"	Nagoya, Japan	H30.2.28-3.2	0	1	0	0	1	1
合 計			31	144	50	57	251	33

■ 国内学会

学会等の名前	開催場所	開催期間	セッション コンペナ 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 2017 年度春季大会	国立オリンピック記念青少年総合センター（東京都渋谷区）	H29.5.25-5.28	2	4	3	1	8	0
日本文化財科学会第 34 回大会	東北芸術工科大学（山形市）	H29.6.9-6.11	0	1	1	0	2	0
第 30 回タンデム加速器及びその周辺技術の研究会	セラトピア土岐（土岐市）	H29.7.6-7.7	0	0	1	0	1	0
第 34 回エアロゾル科学・技術研究討論会	芝浦工業大学（東京都江東区）	H29.8.3-8.4	0	4	0	0	4	0
日本第四紀学会 2017 年大会	福岡大学（福岡市）	H29.8.26-8.28	0	0	1	0	1	0
日本流体力学会年會 2017	東京理科大学（東京都葛飾区）	H29.8.30-9.1	0	0	1	0	1	0
第 78 回 応用物理学会 秋季学術講演会	福岡国際会議場（福岡市）	H29.9.5-9.8	0	0	0	1	1	0
第 58 回大気環境学会年會	兵庫医療大学（神戸市）	H29.9.6-9.8	0	3	0	0	3	0
2017 日本放射化学学会年會・第 61 回放射化学討論会	筑波大学（つくば市）	H29.9.6-9.8	0	1	0	0	1	0
日本天文学会 2017 年秋季年會	北海道大学（札幌市）	H29.9.11-9.13	0	5	3	4	12	0
日本鉱物科学会 2017 年大会	愛媛大学（松山市）	H29.9.12-9.14	0	2	0	0	2	0
日本物理学会 2017 年秋季大会	宇都宮大学（宇都宮市）	H29.9.12-9.15	0	4	0	3	7	0
2017 年度日本地球化学学会年會	東京工業大学（東京都目黒区）	H29.9.12-9.15	1	1	1	1	3	0
日本地質学会第 124 年学術大会	愛媛大学城北キャンパス（愛媛・松山市）	H29.9.16-9.18	0	0	0	1	1	0
2017 年度日本水文科学会設立 30 周年記念学術大会	駒澤大学（東京都世田谷区）	H29.9.30-10.1	0	1	0	0	1	0
第 23 回大気化学討論会	サンポートホール高松（高松市）	H29.10.2-10.4	1	3	0	1	4	0
日本海洋学会 2017 年度秋季大会	東北大学（仙台市）	H29.10.13-10.17	2	1	4	0	5	0
地球電磁気・地球惑星圏学会 第 142 回総会及び講演会	京都大学（宇治市）	H29.10.15-10.19	7	13	15	20	48	2
日本気象学会 2017 年度秋季大会	北海道大学（札幌市）	H29.10.30-11.2	0	2	10	3	15	1
日本質量分析学会同位体比部会 2017	熱川ハイッ（静岡県賀茂郡）	H29.11.8-11.10	0	1	0	0	1	0
2017 年度組織と材質研究会秋季シンポジウム・「樹木年輪」研究会	名古屋工業大学（名古屋市）	H29.11.18-11.20	0	0	1	0	1	0
第 13 回 伊勢・三河湾の環境と漁業を考える-海域の生産性と水産資源-	名古屋大学（名古屋市）	H29.11.25	0	1	0	0	1	0
日本天文学会 2018 年春季年會	千葉大学（千葉市）	H30.3.14-3.17	0	6	5	6	17	0
2018 年電子情報通信学会総合大会	東京電機大学（東京都足立区）	H30.3.20-3.23	0	1	0	0	1	0
日本物理学会第 73 回年次大会	東京理科大学（野田市）	H30.3.22-3.25	0	5	2	8	15	1
合 計			13	59	48	49	156	4

■ 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
「ストームジェネシスを捉えるための先端フィー ルド観測と豪雨災害軽減に向けた総合研究」研究会	京都大学防災研究所（宇 治市）	H29.4.4-4.6	0	2	0	0	2	0
Active medium TPC Workshop	高エネルギー加速器研究 機構（つくば市）	H29.4.22	0	1	0	0	1	0
パレオアジア文化史学第3回研究大会	国立民族学博物館（吹田市）	H29.5.13-5.14	0	3	1	0	4	0
FPI チームミーティング	宇宙航空研究開発機構 （相模原市）	H29.5.18-5.19	0	0	0	1	1	0
フェーズドアレイレーダー第2回シンポジウムー 現在の利活用状況から将来展望までー	気象研究所（つくば市）	H29.5.19	0	1	0	0	1	0
平成29年度 ArCS プロジェクト全体会合	海洋研究開発機構（横浜市）	H29.5.30-5.31	0	0	1	0	1	0
2017年ハイパフォーマンスコンピューティングと 計算科学シンポジウム	神戸大学（神戸市）	H29.6.5-6.6	0	1	0	0	1	1
海洋力学理論の研究会	九州大学応用力学研究所 （春日市）	H29.6.6	0	1	0	0	1	0
JAMSTEC 地球表層物質循環研究分野主催 学際特 別セミナー	海洋研究開発機構（横浜市）	H29.6.20	0	1	0	0	1	1
小型飛行体による海象観測（その2）ー超小型衛星『群』 プラットフォームによる高頻度即時観測とその将来ー	名古屋大学（名古屋市）	H29.7.7-7.8	1	1	0	0	1	1
第20回南極エアロゾル研究会	国立極地研究所（立川市）	H29.7.26-7.27	0	0	1	0	1	0
PSTEP サマースクール陸別2017	陸別町タウンホール （北海道足寄郡）	H29.7.30-8.4	4	4	2	9	15	4
NRO45m/ASTE Single Dish Science Workshop 2017	国立天文台野辺山 （長野県南佐久郡）	H29.8.1-8.2	0	2	0	0	2	0
「ストームジェネシスを捉えるための先端フィー ルド観測と豪雨災害軽減に向けた総合研究」研究会	神戸大学（神戸市）	H29.8.30-8.31	0	0	0	1	1	0
SGEPSS 夏の学校2017	九州大学（福岡市）	H29.9.5-9.7	0	0	0	6	6	0
STE シミュレーション研究会 -太陽地球惑星系複 合システムのシミュレーション研究-	神戸大学（神戸市）	H29.9.6-9.8	1	1	1	0	2	0
「極域・中緯度 SuperDARN 研究会」「MTI 研 究集会」「IUGONET 研究会」「宇宙空間からの 地球超高層大気観測に関する研究会」合同研究会	情報通信研究機構（小金 井市）	H29.9.11-9.15	4	6	8	3	17	2
高緯度電離圏の電気力学過程およびその磁気圏や 熱圏との結合過程に関する研究会	京都大学（京都市）	H29.11.14-11.15	0	0	0	2	2	0
研究会「気候科学と古気候プロキシ研究の接点創出」	名古屋大学（名古屋市）	H29.9.22	0	1	0	0	1	1
平成29年度京都大学防災研究所共同研究会「台風研 究会」激化する台風災害の要因解明と減災へ向けて	京都大学防災研究所（宇 治市）	H29.9.28-9.29	0	0	2	0	2	0
2017年度第1回 シベリア・モンゴル科研合同研 究会	伊勢市観光文化会館（伊 勢市）	H29.10.13-10.14	0	2	1	0	3	0
樹木年輪研究会・組織と材質研究会合同シンポジ ウム2017秋	名古屋工業大学（名古屋市）	H29.10.18-10.19	0	1	0	0	1	0
第5回 応用物理学会 名古屋大学スチューデント チャプター東海地区学術講演会	名古屋大学（名古屋市）	H29.10.28-10.29	0	0	0	1	1	0

10. 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 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 48 回メソ気象研究会・気象災害委員会研究会	北海道大学（札幌市）	H29.10.29	1	0	1	0	1	0
第 4 回「京」を中核とする HPCI システム利用研究 課題 成果報告会	ココヨホール（東京都港 区）	H29.11.2	0	1	0	0	1	0
陸別観測施設設立 20 周年記念シンポジウム—宇宙 から地球まで—/北海道-陸別短波レーダー10 周年 記念研究集会	陸別町タウンホール（北 海道足寄郡）	H29.11.8-11.9	4	4	1	3	8	0
平成 29 年度名古屋大学宇宙地球環境研究所共同利 用研究集会「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」	名古屋大学（名古屋市）	H29.11.9-11.10	1	2	2	0	4	0
シームレス台風予測研究会	海洋研究開発機構（東京 都千代田区）	H29.11.10	0	0	1	0	1	0
第 4 回「太陽地球環境データ解析に基づく超高層 大気の空間・時間変動の解明」	情報通信研究機構（小金井 市）	H29.9.11-11.15	0	0	1	0	1	0
脈動オーロラ研究集会	名古屋大学（名古屋市）	H29.11.13-11.14	0	2	0	1	3	0
高緯度電離圏の電気力学過程およびその磁気圏や 熱圏との結合過程に関する研究集会	京都大学（京都市）	H29.11.14-11.15	0	0	1	2	3	0
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	国立環境研究所（つくば市）	H29.11.14-11.15	1	5	0	0	5	0
平成 29 年度名古屋大学宇宙地球環境研究所共同利 用研究集会「大気海洋相互作用に関する研究集会」	京都大学（京都市）	H29.11.18-11.19	0	0	0	1	1	0
重力波天体の磁場観測	名古屋大学（名古屋市）	H29.11.20	0	1	0	0	1	1
Plasma Conference 2017	姫路商工会議所（姫路市）	H29.11.20-11.24	0	1	0	0	1	0
降雪に関するレーダーと数値モデルによる研究 （第 16 回）	防災科学技術研究所雪氷防 災研究センター（長岡市）	H29.11.21-11.22	0	1	0	0	1	0
PMM 国内会合	富士ソフトアキバプラザ ホール（東京都千代田区）	H29.11.30	0	0	1	0	1	0
第 8 回極域科学シンポジウム	国立極地研究所（立川市）	H29.12.4-12.8	0	5	2	0	7	0
東京大学宇宙線研究所平成 29 年度共同利用研究成 果発表会	東京大学宇宙線研究所 （柏市）	H29.12.8-12.9	0	1	0	0	1	0
パレオアジア文化史学第 4 回研究大会	東京大学（東京都文京区）	H29.12.9-12.10	0	3	1	0	4	0
第 20 回 AMS シンポジウム	セラトピア土岐（土岐市）	H29.12.14-12.15	0	1	3	1	5	1
CRC Town Meeting	東京大学宇宙線研究所 （柏市）	H29.12.15-12.16	0	2	0	0	2	0
第 162 回 ハイパフォーマンスコンピューティング 研究会	くまもと県民交流館パレア （熊本市）	H29.12.18-12.19	0	1	0	0	1	0
第 18 回宇宙科学シンポジウム	宇宙航空研究開発機構宇 宙科学研究所（相模原市）	H30.1.9-1.11	0	2	0	0	2	0
2017 年度先端 ICT デバイスラボ研究交流会	情報通信研究機構（小金井市）	H30.1.12	0	1	0	0	1	0
平成 29 年度愛媛大学研究集会「赤潮の予測に向け た観測とモデリング」	愛媛大学沿岸環境研究セン ター（松山市）	H30.1.18-1.19	1	1	0	0	1	0
大気—海洋境界層における大気物質の役割—数値 計算の視点から	東京理科大学（東京都新 宿区）	H30.1.19	0	1	0	0	1	0
PostMAHASRI プランニング会議	名古屋大学（名古屋市）	H30.1.20	0	2	0	0	2	0

学会等の名前	開催場所	開催期間	会議運営 コンペー 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
平成29年度九州大学応用力学研究所共同利用研究集会「東シナ海と日本海の海水循環と生物化学過程」	九州大学（福岡県春日市）	H30.1.31-2.1	1	2	0	0	2	0
第30回（2017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	名古屋大学（名古屋市）	H30.2.1-2.2	0	6	4	1	11	0
シンポジウム「VLF波動研究50年の歩み」	リーガロイヤルホテル京都（京都市）	H30.2.11	0	1	0	0	1	1
ArCS 陸域温室効果ガスグループ 平成29年度成果報告会	名古屋大学（名古屋市）	H30.2.16	0	1	1	0	2	0
三重大学平成29年度勢水丸研究航海ヒアリング	三重大学（津市）	H30.2.19	0	1	0	0	1	0
衛星観測システムの海洋生態系研究及び水産業利用のための基盤技術」の成果報告会	TKP 東京駅日本橋カンファレンスセンター（東京都中央区）	H30.2.19	0	1	0	0	1	0
太陽研連シンポジウム「太陽研究の将来展望」	京都大学（京都市）	H30.2.19-2.21	2	9	7	2	18	11
JapanFlux 10周年記念集会	国立環境研究所（つくば市）	H30.2.20-2.21	0	1	0	0	1	1
平成29年度名古屋大宇宙地球環境研究所共同利用研究集会「太陽圏宇宙線シンポジウム」	名古屋大学（名古屋市）	H30.2.20-2.22	1	3	0	0	3	3
平成29年度名古屋大宇宙地球環境研究所共同利用研究集会「第18回ミリ波サブミリ波受信機ワークショップ」	国立天文台（三鷹市）	H30.2.22-2.23	1	0	0	4	4	0
PSSTEP・ISEE 研究集会「太陽地球圏環境予測のためのモデル研究の展望」第2回	名古屋大学（名古屋市）	H30.2.26-2.27	3	4	3	1	8	0
第二回空気シャワー観測による宇宙線の起源探索勉強会	東京大学宇宙線研究所（柏市）	H30.2.26-2.27	0	0	1	3	4	0
第19回惑星圏研究会	東北大学（仙台市）	H30.2.27-3.1	1	2	1	0	3	1
平成29年度名古屋大宇宙地球環境研究所共同利用研究集会「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」	名古屋大学（名古屋市）	H30.3.5-3.6	1	1	0	0	1	0
第9回熱帯気象研究会	福岡大学（福岡市）	H30.3.6-3.7	0	1	0	1	2	0
第369回生存圏シンポジウム	京都大学（宇治市）	H30.3.9	0	0	1	0	1	0
2017年度第2回 シベリア・モンゴル科研合同研究会	香川大学（香川県木田郡）	H30.3.9-3.10	0	0	1	0	1	0
平成29年度名古屋大宇宙地球環境研究所共同利用研究集会「GSMaP および衛星シミュレータ合同研究集会」	名古屋大学（名古屋市）	H30.3.12-13	0	0	1	2	3	0
平成29年度第二回現象報告会・現象解析ワークショップ	九州大学（福岡市）	H30.3.13	1	1	0	0	1	0
平成29年度名古屋大宇宙地球環境研究所共同利用研究集会「電磁圏物理学シンポジウム」「地域ネットワークによる宇宙天気観測・教育活動に関する研究集会」	九州大学（福岡市）	H30.3.14-3.15	1	1	4	3	8	0
第34回計算数理工学フォーラム	名古屋大学（名古屋市）	H.30.3.16	0	1	0	0	1	1
変成岩などシンポジウム2018	ホテルニューことぶき（松本市）	H30.3.17-3.19	0	1	0	0	1	0
磁気圏ダイナミクス研究会	名古屋大学（名古屋市）	H30.3.19-3.20	3	5	0	1	6	0
「プラズマ圏の観測とモデリング」「ジオスペースにおけるプラズマ波動研究集会」合同研究集会	名古屋大学（名古屋市）	H30.3.26-3.28	2	3	6	2	11	0
合 計			35	110	61	51	222	30

受賞

■ 教員

受賞日	受賞名	受賞者の所属・職名	受賞者	受賞対象となった研究課題名等
H29.4.3	Progress in Earth and Planetary Science 誌 Most Accessed Paper Award 2017	国際連携研究センター・センター長	塩川 和夫 (論文筆頭者: Oberheide, J.)	Oberheide, J., K. Shiokawa, S. Gurubaran, et al, The geospace response to variable inputs from the lower atmosphere: A review of the progress made by Task Group 4 of CAWSES-II, Progr. Earth Planet. Sci., 2:2, DOI 10.1186/s40645-014-0031-4, 2015.
H29.4.19	平成 29 年度科学技術分野の文部科学大臣表彰 若手科学者賞	宇宙線研究部・准教授	三宅 美沙	宇宙線生成核種を用いた過去の単年宇宙線イベントの研究
H29.5.22	地球電磁気・地球惑星圏学会田中館賞	電磁気圏研究部・准教授	野澤 悟徳	EISCAT レーダー及び Na ライダー観測による極域上部中間圏・下部熱圏変動の研究
		統合データサイエンスセンター・准教授	三好 由純	磁気圏におけるプラズマ粒子の輸送・加速過程、およびプラズマ波動・粒子相互作用過程によるエネルギー階層間結合の研究
H29.12.20	計測自動制御学会インテグレーション部門研究奨励賞	統合データサイエンスセンター・准教授	三好 由純 (筆頭受賞者: 竹内彰)	複数視点魚眼映像による発生原理を考慮したオーロラの 3 次元形状計測と可視化
H30.3.28	Outstanding reviewer, Nuclear Inst. and Methods in Physics Research, A	飛翔体観測推進センター・教授	田島 宏康	

■ 研究員

受賞日	受賞名	受賞者の所属・職名	受賞者	受賞対象となった研究課題名等
H29.8.8	名古屋大学総長賞(若手女性研究者サイエンスフォーラムポスター発表)	年代測定研究部・研究機関研究員	山根 雅子	温暖化で融ける?融けない?南極の水
H29.12.15	日本 AMS 研究協会優秀発表ポスター表	年代測定研究部・研究機関研究員	奈良 郁子	チベット高原・ブマユムツォ湖周辺岩石の ^{10}Be 測定結果

■ 学生

受賞日	受賞名	受賞者の所属・学年(担当教員名)	受賞者	受賞対象となった研究課題名等
H29.5.19	平成 28 年度日本リモートセンシング学会 論文奨励賞	環境学地球環境科学専攻・博士後期課程 3 年(担当: 石坂丞二)	林 正能	伊勢・三河湾における MODIS と SeaWiFS のクロロフィル a 濃度の検証と改善(日本リモートセンシング学会誌第 35 巻第 4 号、2015 年、pp.245-259)
H29.5.31	JpGU-AGU Joint Meeting 2017 学生優秀発表賞	理学研究科素粒子宇宙物理学専攻・博士前期課程 2 年(担当: 草野完也)	旭 友希	The statistical analysis of correlation between solar flares and photospheric magnetic field
		理学研究科素粒子宇宙物理学専攻・博士後期課程 2 年(担当: 草野完也)	神谷 慶	Formation of butterfly pitch angle distributions of relativistic electrons in the outer radiation belt due to the drift resonance with a monochromatic Pc5 wave
		工学研究科電子情報システム専攻・博士前期課程 2 年(担当: 塩川和夫)	西 勝輝	Ground-based and magnetospheric observation of auroral finger-like structures using the RBSP-A satellite in the inner magnetosphere
		環境学地球環境科学専攻・博士後期課程 3 年(担当: 石坂丞二)	Eligio de Raus Maure	Impact of mesoscale eddies on spring bloom initiation in the Japan Sea
H29.11.15	Best Poster Presentation - 2nd runner-up at the 17th Australian Space Research Conference (ASRC)	工学研究科電子情報システム専攻・博士後期課程 4 年(担当: 塩川和夫)	Prayitno Abadi	Longitudinal variation of equatorial plasma bubble occurrence in Southeast Asia
H30.3.26	IEEE Excellent Student Award	工学研究科電子情報システム専攻・博士前期課程 2 年(担当: 三好由純)	藤山 雅士	磁気要素追跡手法を用いた太陽表面速度解析
H30.3.26	名古屋大学大学院理学研究科顕彰	理学研究科素粒子宇宙物理学専攻・博士前期課程 2 年(担当: 増田智)	上村 亮弥	Hinode/XRT を用いた活動領域マイクロフレアの統計解析

研究者向け講演会（共同利用研究会を除く）

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
H29.5.9 H29.6.5 H29.7.7 H29.7.27 H29.9.8 H29.10.27 H29.11.2 H29.12.19 H30.1.25	PSTEP セミナー	ネットワーク会議システムを利用し、インターネットで相互に接続した仮想会議室上で実施	新学術領域研究「太陽地球圏環境予測：我々が生きる宇宙の理解とその変動に対応する社会基盤の形成」	小原 隆博 (東北大学) 堀田 英之 (千葉大学) ほか	各回 約 60
H29.4.24 H29.5.15 H29.7.6 H29.7.14 H29.10.26 H29.10.27 H29.11.15 H29.11.22 H29.11.24 H30.1.11 H30.3.22	ISEE/CICR colloquium	名古屋大学研究所共同館 I（名古屋市）	名古屋大学宇宙地球環境研究所国際連携センター	K. D. Leka B. Kliem S. K. Dhaka J. Lee ほか	各回 約 16
H29.4.20 H29.4.27 H29.5.11 H29.5.18 H29.6.1 H29.6.8	ROOT 講習会 2017	名古屋大学研究所共同館 I（名古屋市）	宇宙素粒子若手の会、名古屋大学宇宙地球環境研究所宇宙線研究部	奥村 暁	100
H29.7.9	VarSITI 国際スクール	Irkutsk, Russia	名古屋大学宇宙地球環境研究所、太陽地球系物理学科学委員会（SCOSTEP）、ロシア科学アカデミーシベリア支部太陽地球系物理学研究所（ISTP）、CCMC/NASA、日本学術振興会研究拠点形成事業ほか	塩川 和夫	35
H29.7.30-8.4	PSTEP サマースクール陸別 2017	陸別町タウンホール（北海道足寄郡）	文部科学省科学研究費補助金新学術領域「太陽地球圏環境予測：我々が生きる宇宙の理解とその変動に対応する社会基盤の形成」（領域代表：草野完也）、名古屋大学宇宙地球環境研究所、陸別町	塩川 和夫 草野 完也 三好 由純 今田 晋亮	100
H29.7.31	CR-lab Seminar	名古屋大学研究所共同館 I（名古屋市）	名古屋大学宇宙地球環境研究所宇宙線研究室	武多 昭道 (東京大学)	15
H29.9.11-11.15	赤道電離圏に関する国際スクール ISELLI-2	Lagos, Nigeria	名古屋大学宇宙地球環境研究所、ナイジェリア国立宇宙研究開発機構・大気科学研究センター、日本学術振興会研究拠点形成事業ほか	塩川 和夫	52
H29.11.17	J-OFURO3 データ講習会	京都大学理学部セミナーハウス（京都市）	J-OFURO プロジェクト	富田 裕之	12

10. 研究成果

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
H29.12.4-12.15	第27回IHPトレーニングコース	京都大学（京都市）	京都大学京都大学防災研究所水資源環境研究センター、名古屋大学宇宙地球環境研究所	田中 茂信 (京都大学防災研究所) ほか	17
H29.12.7	研究室セミナー	名古屋大学研究所共同館Ⅰ（名古屋市）	名古屋大学宇宙地球環境研究所雲降水気候学研究室	佐藤 陽祐 (名古屋大学工学研究科)	21
H29.12.18	気象庁数値予報課セミナー	名古屋大学研究所共同館Ⅰ（名古屋市）	名古屋大学宇宙地球環境研究所雲降水気候学研究室	石田 純一 村上 康隆 (気象庁)	19
H30.2.20	稲津先生セミナー	名古屋大学研究所共同館Ⅰ（名古屋市）	宇宙地球環境研究所気象学研究室（坪木・篠田研究室）	稲津 将 (北海道大学)	15
H30.3.1-3.2	第11回VL講習会「XRRAINレーダデータの解析」	名古屋大学 ES 総合館（名古屋市）	名古屋大学宇宙地球環境研究所附属飛翔体観測推進センター 地球水循環観測推進室	高橋 暢宏 篠田 太郎	27
H30.3.5-3.9	赤道電離圏に関する国際スクール ISELION2018	Bandung, Indonesia	名古屋大学宇宙地球環境研究所、インドネシア航空宇宙研究所（LAPAN）、日本学術振興会研究拠点形成事業ほか	塩川 和夫	45
H30.3.12	名古屋大学フューチャー・アース研究センター キックオフ・ワークショップ「名古屋大学におけるフューチャー・アース研究の最前線 -SDGs達成に貢献する学問のあり方を考える-」	名古屋大学 ES 総合館（名古屋市）	名古屋大学・環境学研究科／生命農学研究科／国際開発研究科／宇宙地球環境研究所／地球生命圏研究機構	檜山 哲哉	54
H30.3.23-3.24	台風セミナー2017	名古屋大学研究所共同館Ⅱ（名古屋市）	名古屋大学宇宙地球環境研究所、日本気象学会台風連絡会	D. P. Stern (United States Naval Research Laboratory)	29