

10. Publications and Presentations

Papers (in refereed Journals, April 2017–March 2018)

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- Acero, F., R. Aloisio, J. Amans, E. Amato, L. A. Antonelli, C. Aramo, T. Armstrong, F. Arqueros, K. Asano, M. Ashley et al. (**A. Okumura, H. Tajima**), Prospects for Cherenkov telescope array observations of the young supernova remnant RX J1713.7–3946. *Astrophys. J.*, **840(2)**, 74, May 10, 2017 (10.3847/1538-4357/aa6d67).
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Seven more Papers were published in Japanese.

Books (April 2017–March 2018)

Hiyama, T., and H. Takakura, Editors, *Global Warming and Human - Nature Dimension in Northern Eurasia (Global Environmental Studies)*, 224pp, Springer, Singapore, 2018 (10.1007/978-981-10-4648-3).

Sakai, T., H. Takakura, M. Okumura, S. Hata, 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).

Takakura, H., Y. Yoshikawa, M. Watanabe, T. Sakai, and **T. Hiyama**, Ice movement in the Lena River and the typology of spring flood: An interpretation of local sources integrated with satellite imagery using a multidisciplinary approach. in *Global Warming and Human - Nature Dimension in Northern Eurasia (Global Environmental Studies)*, 101–123, edited by **T. Hiyama**, and H. Takakura, 224pp, Springer, Singapore, 2018 (10.1007/978-981-10-4648-3_7).

Yoshikawa, Y., H. Takakura, M. Watanabe, **T. Hiyama**, and T. Sakai, Using air temperature data to calculate changes in ice sheet thickness on the Lena River to predict ice-jam disasters. in *Global Warming and Human - Nature Dimension in Northern Eurasia (Global Environmental Studies)*, 87–99, edited by **T. Hiyama**, and H. Takakura, 224pp, Springer, Singapore, 2018 (10.1007/978-981-10-4648-3_6).

Six more books were published in Japanese.

Publication of Proceedings

Title	Date of Publication
Proceedings of 23th Symposium on Atmospheric Chemistry	Oct. 3, 2017
Proceedings of 22th Workshop on Lidar Observation of Atmosphere	Feb. 19, 2018
The Nagoya University Bulletin of Chronological Research, vol.2	Mar. 31, 2018

One more book was published in Japanese.

Conference Presentations (April 2017–March 2018)

■ International Conferences

Title	Country/ Region	Date	Orga- nizers	Number of Presentations			
				Staffs and PDs	Students	Total	invited
Birkeland 150 year Anniversary Symposium “The Heritage of Kristian Birkeland and beyond”	Tokyo, Japan	Apr. 6, 2017	0	2	0	2	2
The First International Workshop of SCMREX RDP	Beijing, China	Apr. 12-13, 2017	0	1	0	1	0
Laser Solution for Space and the Earth (LSSE2017)	Yokohama, Japan	Apr. 18-21, 2017	0	1	0	1	1
European Geosciences Union General Assembly	Vienna, Austria	Apr. 23–28, 2017	0	2	0	2	1
International Conference on Mars Aeronomy	Boulder, Colorado, USA	May 15–19, 2017	0	0	1	1	0
2017 International Space Weather Meridian Circle Program Workshop	Qingdao, China	May 15–27, 2017	0	3	0	3	2
Intenational Symposium on Remote Sensing 2017 (ISRS2017)	Nagoya, Japan	May 17–19, 2017	1	6	2	8	1
JpGU-AGU Joint Meeting 2017	Chiba, Japan	May 20–25, 2017	13*	40	25	65	7
The 18th EISCAT international symposium	Tachikawa, Japan	May 26–30, 2017	3	5	0	5	0
15th International Workshop on Technical and Scientific Aspects of MST radar	Tachikawa, Japan	May 27–31, 2017	1	2	0	2	0
NDACC-IRWG/TCCON annual meeting 2017	Paris, France	May 29–Jun. 2, 2017	0	2	0	2	0
Meteorology Departmental Seminar	Reading, UK	May 30, 2017	0	1	0	1	0
Joint Hinode-11/IRIS-8 Science Meeting	Seattle, Washington, USA	May 30–Jun. 2, 2017	0	2	0	2	1
2017 SuperDARN Workshop	San Quirico d’Orcia, Italy	Jun. 4–9, 2017	0	1	0	1	0
13th International Workshop on Greenhouse Gas Measurements from Space (IWGGMS)	Helsinki, Finland	Jun. 6–8, 2017	0	0	1	1	0
33rd Symposium on Chemical Kinetics and Dynamics	Nagoya, Japan	Jun. 7–9, 2017	0	1	0	1	0
CEDAR Workshop	Keystone, Colorado, USA	Jun. 18–23, 2017	0	0	2	2	0
The International Symposium on Cloud Physics & Weather Modification	Beijing, China	Jun. 19–21, 2017	0	1	0	1	1
RHIC&AGS Annual Users’ Meeting	Upton, New York, USA	Jun. 20–23, 2017	0	1	0	1	1
FLARECAST Science Workshop	Paris, France	Jun. 26–29, 2017	0	1	0	1	0
American Meteorological Society: 21st Conference on Atmospheric and Oceanic Fluid Dynamics	Portland, Oregon, USA	Jun. 26–30, 2017	0	2	0	2	0
The 17th conference on Elastic and Diffractive scattering (EDS Blois 2017)	Prague, Czech	Jun. 26–30, 2017	0	0	1	1	0
Symposium “Evolution of Molecules in Space”	Sapporo, Japan	Jun. 27–29, 2017	0	1	0	1	0
2nd Asian Conference on Permafrost (ACOP2017)	Sapporo, Japan	Jul. 2–6, 2017	0	3	0	3	0
8th International Conference on New Development in Photodetection	Tours, France	Jul. 3–6, 2017	0	1	0	1	0
2nd International Conference on Airborne Research for the Environment (ICARE 2017)	Oberpfaffenhofen, Germany	Jul. 10–13, 2017	0	1	0	1	0
Future of Cumulus Parametrization Workshop	Delft, Netherlands	Jul. 10–14, 2017	0	1	0	1	0
The 2nd VarSITI General Symposium (VarSITI-2017)	Irkutsk, Russia	Jul. 10–15, 2017	1	2	1	3	0
35th International Cosmic-Ray Conference (ICRC2017)	Busan, Korea	Jul. 12–20, 2017	0	2	2	4	1

10. Publications and Presentations

Title	Country/ Region	Date	Orga- nizers	Number of Presentations			
				Staffs and PDs	Students	Total	invited
IAU Symposia (IAUS335) Space Weather of the Heliosphere: Processes and Forecasts	Exeter, UK	Jul. 17–21, 2017	1	0	0	0	0
Daiwa-Adrian workshop	Dorking, UK	Jul. 19–21, 2017	0	1	1	0	0
The 14th AOGS (Asia Oceania Geosciences Society) Annual Meeting	Singapore	Aug. 6–11, 2017	0	8	9	3	3
21st International Northern Research Basins Symposium and Workshop	Yakutsk, Russia	Aug. 6–12, 2017	0	1	1	0	0
14th International Conference on Accelerator Mass Spectrometry	Ottawa, Canada	Aug. 14–18, 2017	1	6	6	0	0
32th International Union of Radio Science (URSI) General Assembly & Scientific Symposium	Montreal, Canada	Aug. 19–26, 2017	0	2	2	0	0
48th Meeting SPD	Portland, Oregon, USA	Aug. 21–25 2017	0	1	1	0	0
IAGA-IAMAS-IAPSO (Good Hope for Earth Sciences)	Cape Town, South Africa	Aug. 27–Sep. 1, 2017	0	1	1	1	1
38th Conference on Radar Meteorology	Chicago, Illinois, USA	Aug. 28–Sep. 1, 2017	0	2	3	0	0
The 8th International Symposium of Advanced Energy Science: Interdisciplinary Approach to Zero-Emission Energy	Uji, Japan	Sep. 5–7, 2017	0	1	1	1	1
The 3rd ERG Mission Science Workshop	Taipei, Taiwan	Sep. 5–8, 2017	2	3	3	0	0
EISCAT_3D kickoff meeting	Tromsø, Norway	Sep. 6–8, 2017	0	1	1	0	0
5th iLEAPS Science Conference	Oxford, UK	Sep. 11–14, 2017	0	2	2	0	0
Jeju World Heritage Global Forum 2017	Jeju Island, Korea	Sep. 11–14, 2017	0	1	1	1	1
6th Asia-Pacific Symposium on Radiochemistry (APSORC17)	Jeju Island, Korea	Sep. 17–22, 2017	0	1	1	0	0
25th International Conference on Numerical Simulation of Plasmas (ICNSP 2017)	Leuven, Belgium	Sep. 18–20, 2017	0	2	2	0	0
The 3rd COSPAR Symposium 2017	Jeju Island, Korea	Sep. 18–22, 2017	0	1	1	1	1
1st Asia-Pacific Conference on Plasma Physics	Chengdu, China	Sep. 18–23, 2017	0	1	1	0	0
LMD Seminar	Paris, France	Sep. 21, 2017	0	1	1	0	0
BepiColombo Science Working Team Meeting #16	Matera, Italy	Sep. 23–27, 2017	0	1	1	0	0
13th International conference on substorms	Portsmouth, New Hampshire, USA	Sep. 25–29, 2017	0	2	3	1	1
Workshop on forward physics and high-energy scattering at zero degrees 2017 (HESZ2017)	Nagoya, Japan	Sep. 26–29, 2017	2	1	2	1	1
World Data System Asia-Oceania Conference 2017	Kyoto, Japan	Sep. 27–29, 2017	1	1	1	0	0
Isotope for Tropical Ecosystem Studies	San José, Costa Rica	Oct. 2–6, 2017	0	1	1	1	1
ATS (Atmospheric Science) / CIRA (Cooperative Institute for Research in th Atmosphere) Colloquium	Fort Collins, Colorado, USA	Oct. 13, 2017	0	1	1	0	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	Oct. 16–20, 2017	0	1	1	0	0
12th International Conference on Mesoscale Convective Systems and High-Impact Weather in East Asia (ICMCS-XII)	Taipei, Taiwan	Oct. 17–20, 2017	2	3	4	0	0
Progress towards improving CME forecast	Nagoya, Japan	Oct. 30, 2017	0	1	1	0	0

Title	Country/ Region	Date	Orga- nizers	Number of Presentations			
				Staffs and PDs	Students	Total	invited
CHAMOS workshop	Helsinki, Finland	Oct. 30–Nov. 3, 2017	0	3	3	0	0
Enviro-Health Conference 2017 - Air Pollution & Future Strategies with a Focus on the NCT of Delhi	New Delhi, India	Nov. 2, 2017	0	1	1	0	0
Korea-Japan Space Weather Meeting	Naogya, Japan	Nov. 6, 2017	0	7	2	9	0
The 4th Asia-Pacific Solar Physics Meeting (APSPM2017)	Kyoto, Japan	Nov. 7–10, 2017	1	2	1	3	1
The 17th Australian Space Research Conference (ASRC)	Sydney, Australia	Nov. 13–15, 2017	0	0	1	1	0
6th WMO International Workshop on Monsoons (IWM-VI)	Singapore	Nov. 13–17, 2017	0	2	0	2	1
International Workshop “Across the Movius Line – Cultural Geography of South and Southeast Asia in the Late Pleistocene”	Tokyo, Japan	Nov. 18–19, 2017	0	1	0	1	0
Helicity Thinkshop 3	Tokyo, Japan	Nov. 19–23, 2017	0	3	0	3	1
EA-AMS-7	Guilin, China	Nov. 20–25, 2017	0	1	0	1	0
The 19th East Asia Sub-millimeter-wave Receiver Technology Workshop	Taipei, Taiwan	Nov. 28–30, 2017	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	Dec. 3–8, 2017	0	1	0	1	0
Climate Change Cluster (C3) Colloquium 2017: AQUAFLUO II Chlorophyll Fluorescence in Aquatic Sciences	Sydney, Australia	Dec. 4–8, 2017	0	2	0	2	0
AGU Fall Meeting 2017	New Orleans, Louisiana, USA	Dec. 11–15, 2017	0	13	10	23	1
The 5th Asia & 14th Korea-Japan Workshop on Ocean Color Remote Sensing	Busan, Korea	Dec. 14–15, 2017	0	4	2	6	0
ALMA/45m/ASTE Users Meeting 2017	Mitaka, Japan	Dec. 26–27, 2017	0	1	0	1	0
Review of mid-latitude SuperDARN follow-up workshop	Nagoya, Japan	Jan. 9–12, 2018	1	0	0	0	0
SGO Observatory Days	Sodankylä, Finland	Jan. 10–12, 2018	0	1	0	1	0
Fifth International Symposium on Arctic Research (ISAR-5)	Tokyo, Japan	Jan. 15–18, 2018	0	9	0	9	0
Symposium - Frontiers of Atmospheric Aerosol Studies: Toward the Understanding of the Health and Climatic Effects	Nagoya, Japan	Jan. 23–24, 2018	1	2	0	2	0
International conference series on HPC technologies in Asia Pacific region	Tokyo, Japan	Jan. 28–31, 2018	0	1	0	1	0
2018 Ocean Sciences Meeting	Portland, Oregon, USA	Feb. 11–16, 2018	0	2	0	2	0
DKIST CSP Workshop at Nagoya University	Nagoya, Japan	Feb. 26–28, 2018	0	3	0	3	0
Minutes of the LHC Committee meeting 133, Open Session	Geneve, Switzerland	Feb. 28–Mar. 2, 2018	0	1	0	1	0
The 1st KMI School: “Dark Matter”	Nagoya, Japan	Feb. 28–Mar. 2, 2018	0	1	0	1	1
Total			31	194	57	251	33

■ Domestic Conferences

Number of Conferences	Organizers	Number of Presentations			
		Staff and PDs	Student	Total	invited
97	48	278	100	378	34

■ Lectures for Researchers

Date	Title	Number of Participants
May 9, 2017, Jun. 5, 2017, Jul. 7, 2017, Jul. 27, 2017, Spt. 8, 2017, Oct. 27, 2017, Nov. 2, 2017, Dec. 19, 2017, Jan. 25, 2018	PSTEP Seminar	60 a time on average
Apr. 24, 2017, May 15, 2017, Jul. 6, 2017, Jul. 14, 2017, Oct. 10, 2017, Oct. 26, 2017, Oct. 27, 2017, Nov. 15, 2017, Nov. 22, 2017, Nov. 24, 2017, Jan. 11, 2018, Mar. 22, 2018	ISEE/CICR Colloquium	20 a time on average
Apr. 20, 2017, Apr. 27, 2017, May 11, 2017, May 18, 2017, Jun. 1, 2017, Jun. 8, 2017	ROOT Training Workshop 2017	100
Jul. 9, 2017	Introduction to Space Weather: Concepts and Tools School at the 2nd VarSITI General Symposium	35
Jul. 30 –Aug. 4, 2017	PSTEP Summer School Rikubetsu 2017	100
Jul. 31, 2017	Cosmic Ray Lab Guest Seminar	15
Sep. 11–15, 2017	2nd International School on Equatorial and Low-Latitude Ionosphere (ISELLI-2)	52
Nov. 17, 2017	J-OFURO3 Data Seminar	12
Dec. 4 –15, 2017	27th IHP Training Course	17
Dec. 7, 2017	Cloud and Precipitation Climatology Lab Guest Seminar	21
Dec. 18, 2017	Numerical Prediction Division Seminar, Japan Meteorological Agency	19
Feb. 20, 2018	Meteorology Lab Guest Seminar	15
Mar. 1–2, 2018	11th VL Training Course	27
Mar. 5–9, 2018	International School on Equatorial and Low-latitude Ionosphere (ISELION2018)	45
Mar. 12, 2018	Kick-off Workshop “Frontier of Future Earth researches in Nagoya University”	54
Mar. 23–24, 2018	Typhoon Seminar 2017	29

Awards

■ Staffs and PDs

Date	Awards	Award Winners	Title
Apr. 3, 2017	Most Accessed Paper Award 2017, Progress in Earth and Planetary Science	Kazuo Shiokawa	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, <i>Progr. Earth Planet. Sci.</i> , 2:2, DOI 10.1186/s40645-014-0031-4, 2015.
Apr. 19, 2017	The Young Scientists' Prize, The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology	Fusa Miyake	Research of annual cosmic ray events in the past using cosmogenic nuclides
May 22, 2017	Tanakadate Award, Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS)	Satonori Nozawa	Studies of the polar upper mesosphere and lower thermosphere by using the EISCAT radars and the Tromsø sodium LIDAR
		Yoshizumi Miyoshi	Studies on cross-energy coupling processes in the inner magnetosphere via plasma transportation and acceleration, and wave-particle interactions
Aug. 8, 2017	Provost's Prize, Nagoya University Science Forum for Young Women Researchers	Masako Yamane	
Dec.15, 2017	Best Poster Award, The 20th Japanese Symposium of Accelerator Mass Spectrometry	Fumiko Nara	¹⁰ Be exposure dating of rocks from the shore of Lake Puma Yumco in Tibet
Mar. 28, 2018	Outstanding reviewer, Nuclear Inst. and Methods in Physics Research, A	Hiroyasu Tajima	

Additionally, one domestic award.

■ Students

Date	Awards	Award Winners	Title
May 19, 2017	Remote Sensing Society of Japan Young Researcher Award	Masataka Hayashi	Evaluation and Improvement of MODIS and SeaWiFS-derived Chlorophyll a Concentration in Ise-Mikawa Bay, <i>Journal of the Remote Sensing Society of Japan</i> , 35(4), 245-259, 2015
May 31, 2017	Outstanding Student Presentation Awards of JpGU-AGU Joint Meeting 2017	Yuki Asahi	The statistical analysis of correlation between solar flares and photospheric magnetic field
		Kei Kamiya	Formation of butterfly pitch angle distributions of relativistic electrons in the outer radiation belt due to the drift resonance with a monochromatic Pc5 wave
		Katsuki Nishi	Ground-based and magnetospheric observation of auroral finger-like structures using the RBSP-A satellite in the inner magnetosphere
		Eligio de Raus Maure	Impact of mesoscale eddies on spring bloom initiation in the Japan Sea
Nov. 15, 2017	Best Poster Presentation - 2nd runner-up at the 17th Australian Space Research Conference (ASRC)	Prayitno Abadi	Longitudinal variation of equatorial plasma bubble occurrence in Southeast Asia
Mar. 26, 2018	IEEE Excelent Student Award	Masashi Fujiyama	Solar Surface Velocity in the Large Scale estimated by Magnetic Element Tracking Method
Mar. 26, 2018	Graduate School of Science Award, Nagoya University	Ryoya Uemura	