Poster Presentation List (updated on 2025-02-21)

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1	Interplanetary Influence on Thermospheric Mass Density: Insights from Deep Learning Analyses	Li Wenbo, Liu Libo, Chen Yiding, Zhou Yi-Jia, Le Huijun and Zhang Ruilong
2	Archival reanalyses for early GLEs in the 1940s — 1950s	Hisashi Hayakawa
3	Torus Instability Analysis of Flaring Active Regions with Non-neutralized Currents	Johan Muhamad, Kanya Kusano
4	Unveiling the Initiation Route of Coronal Mass Ejections through Their Slow Rise Phase	Chen Xing, Guillaume Aulanier, Xin Cheng, Chun Xia, Mingde Ding
5	quantitative analysis of the formation of magnetic flux rope in RMHD simulation	Can Wang, Takaaki Yokoyama, Feng Chen, Mingde Ding, Chen Xing, Zekun Lu
6	A Study on Magnetic Parameters to Determine the Formation of CME	MORIYAMA Tomoki, KUSANO Kanya, MASUDA Satoshi
7	Data assimilation of a whole atmosphere-ionosphere model GAIA using ionospheric observations	Hidekatsu Jin, Satoshi Andoh, Chihiro Tao, Yasunobu Miyoshi, Hiroyuki Shinagawa, Hitoshi Fujiwara
8	Prediction of the solar wind disturbances by the MHD simulation based on the next generation interplanetary scintillation observations	Kazumasa Iwai Ken'ichi Fujiki, Hirofumi Isogai, Yushuke Kagao, Keita Morishima, Daichi Takehara, Haruto Watanabe (ISEE, Nagoya University)
9	High-resolution 3-D imaging of ionospheric disturbances using ultra-dense GNSS observation networks in Japan	Weizheng Fu (ISEE, Nagoya U), Yuichi Otsuka (ISEE, Nagoya U), Nicholas Ssessanga (4DSpace, Department of Physics, University of Oslo)
10	Solar flux dependence on electric conductivity in the dayside ionosphere of Earth	Aki Ieda (Nagoya U), K. Watanabe, S. Kitajima (NDAJ), M. Nishioka, H. Jin (NICT), and T. Hori (Nagoya U)
11	A Role of Magnetic Reconnection in the Solar Eruption: As a key factor among fast, slow, and failed eruption	Satoshi Inoue, Takahiro Miyoshi, Keiji Hayashi, Ju Jing, and Haimin Wang
12	Extensive Parameter Survey of Three-dimensional Solar Wind Simulations from the Solar Interior	Haruhisa Iijima, Daiko Shiota, Hideyuki Hotta
13	Continuous Observations of Interplanetary Scintillation Over 50 Years	Ken’ichi Fujiki, Kazumasa Iwai, Yasushi Maruyama, Takayuki Yamasaki
14	How can the differential emission measure of the solar corona help to improve solar flare prediction?	Sung-Hong Park
15	Developing an AI Predictive Model of Solar Energetic Particle Events Occurrence and Fluence via Academia-Industry Collaboration	Yuta Kato, Kanya Kusano, Naho Fujita, Kentarou Doi, Hiroyuki Kawasaki, Tomoki Moriyama, Tomoki Kubo, and Chihiro Mitsuda
16	Fully automate system health management for next-generation solar wind observation system using machine learning	TAKEHARA Daichi, IWAI Kazumasa

17	Evolution of a weak solar flare observed at 30 THz by AR30T telescope	Karla F. Lopez[1], Guillermo Giménez de Castro[1], Jean-Pierre Raulin[1], Fernando López[2], Denis P. Cabezas[3], Paulo Simões[1], Carlos Francile[4]. [1]Center of Radio Astronomy and Astrophysics Mackenzie (CRAAM), Mackenzie Presbyterian University, São Paulo, Brazil, [2]Heliophysics Studies Group of Mendoza, CONICET, University of Mendoza, Mendoza, Argentina, [3]Institute for Space-Earth Environmental Research (ISEE), Nagoya University, Japan, [4]Félix Aguilar Astronomical Observatory (OAFA), San Juan National University (UNSJ), San Juan, Argentina.
18	Observations of solar microwave spectra by the Yokosuka Radio Polarimeter (YoRP)	Kyoko Watanabe, Ryoka Shirogauchi, Kensho Yasui (National Defense Academy of Japan), Masumi Shimojo (National Astronomical Observatory of Japan), Kazumasa Iwai, Satoshi Masuda (ISEE, Nagoya University)
19	Spectroscopic Observations of the Solar Cycle Variation of Polar Off-limb Chromosphere	Akiko Tei
20	The physical characteristics of solar microflares by microwave observation	Ayatoshi Taniguchi, Satoshi Masuda
21	Statistical study of the acceleration site in solar flares observed with Fermi by applying multiple Time-of-Flight method	Masaya Yakura, Satoshi Masuda
22	Data-driven MHD simulation of sigmoid formation in a puzzling NOAA active region 12665	Yeongmin Kang, KD Leka, Denis P. Cabezas, Takafumi Kaneko, Kanya Kusano
23	Prominence splitting and merging due to interchange instability in helical flux rope	Takafumi Kaneko
24	Evaluation of the effect of solar flare emission on the Earth's ionosphere by the Kakioka magnetometer	Ryosuke Okubo, Kyoko Watanabe, Shinnosuke Kitajima(National Defense Academy of Japan), Satoshi Masuda, Akimasa Ieda(ISEE/Nagoya University), Hidekatsu Jin, Chihiro Tao, Michi Nishioka(National Institute of Information and Communications Technology)
25	Flaring vs. Flare-Quiet Active Regions: Insights from Coupling the Photospheric Magnetic Field with Properties of the Chromosphere, Transition-Region, and Corona.	KD Leka, K. Dissauer, G. Barnes, E.L.Wagner, S. Petty
26	Direct observation of pulsating aurora electrons: LAMP sounding rocket experiment	T. Noda(1), Y. Miyoshi(1), K. Hosokawa(2), K. Asamura(3), T. Sakanoi(4), M. Lessard(5), A. Jaynes(6), M. Shumko(7), A. Halford(8), T. Namekawa(9), T. Mitani(3), M. Nose(10), M. McHarg(11), V. Ledvina(12) and D. Hampton(12)
27	Investigating past extreme solar energetic particle events in ice core records	Fusa Miyake, Kazuho Horiuchi, Kenji Kawamura, Akito Matsuzaki, Hiroyuki Matsuzaki, Ikumi Oyabu, Takeyasu Yamagata
28	Electron density in the lower ionosphere during solar flares using PHITS	Shinnosuke Kitajima, Kyoko Watanabe, Hidekatsu Jin, Chihiro Tao, Satoshi Masuda, Michi Nishioka, Kiyoka Murase
29	Solar Wind Parameter Dependence of Magnetic Storms Based on XAI	T. Nishino, and Y. Miyoshi
30	Investigation of Omega Band Auroras: Ground and Magnetospheric Conjugate Observations	I.Naganawa, Y. Miyoshi, S. Kurita, K. Hosokawa, S. Oyama, Y. Ogawa, Y. Kasahara, S. Matsuda, T. Hori, Y. Kazama, S.-Y. Wang, C.-W. Jun, S. Kasahara, S. Yokota, K. Keika, A. Matsuoka, M. Teramoto, K. Yamamoto, I. Shinohara, Fuminori Tsuchiya, Atsushi Kumamoto, and Atsuki Shinbori

31	Average Profile of Outer Belt Flux Variations During Magnetic Storms: Arase observations and simulation	Y. Miyoshi, S.Kumar, S. Kurita, S. Saito, S. Matsuda, Y. Katoh, R. Kataoka, P. R. Shreedevi, I. Shinohara, K. Asamura, Y. Kazama, S.-W. Wang, C.-W. Jun,T. Hori, S. Kasahara, S. Yokota, K. Keika, T. Mitani, T. Takashima, N. Higashio,Y. Kasahara, F. Tsuchiya, A. Kumamoto, A. Shinbori, N. Kitamura, A.Matasuoka, K. Yamamoto, M. Teramoto
32	Characteristics, evolution, and fate of NOAA active region 12665	Denis P. Cabezas, K.D. Leka, Yeongmin Kang, and Kanya Kusano
33	Evaluating the characteristic of magnetic flux in spheromak on ICME Time of Arrival using SUSANOO-CME model	Hirofumi Isogai, Kazumasa Iwai, Daikou Shiota, Ken'ichi Fujiki
34	Statistical study of prominence eruptions observed with Nobeyama Radioheliograph	Satoshi Masuda, Shoya Ueda (Nagoya University), and Seiji Yashiro (Catholic University and NASA/GSFC)
35	Comparison of polar magnetic fields derived from MILOS and MERLIN inversions with Hinode/SOT-SP data	Masahito Kubo (NAOJ), Daikou Shiota (NICT), Yukio Katsukawa (NAOJ), Masumi Shimojo (NAOJ), David Orozco Suarez (IAC), Nariaki Nitta (LMSAL), Marc DeRosa (LMSAL), Rebecca Centeno (HAO), Haruhisa Iijima (Nagoya U.), Takuma Matsumoto (Nagoya U.), Satoshi Masuda (Nagoya U.))
36	Reproduction of near surface shear layer in the solar convection zone	Hideyuki Hotta
37	Knowledge transfer from long-term solar microwave data to stellar observations	Masumi Shimojo
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39	SuperDARN - powerful tool for nowcasting / forecasting the ionospheric disturbances	Nozomu Nishitani (ISEE, Nagoya University)
40	Development of an ion energy-mass spectrum analyzer for observations of suprathermal ions originating from the ionosphere	K. Terasawa, K. Asamura, A. Nagatani, Y. Miyoshi
41	Variations of He++ Ions in the inner magnetosphere at Different L-Shells: Arase LEP-i Observations	Y.Nishida(1), A.Nagatani(1), Y.Miyoshi(1), K.Asamura(2), L.Kistler(1)(3), I. Shinohara (2), (1) ISEE, Nagoya University (2) ISAS/JAXA (3) University of New Hampshire
42	Ion injections from the magnetotail during geomagnetic storms observed by Arase	Milla Kalliokoski, Lynn Kistler, Yoshizumi Miyoshi, Kazushi Asamura, Iku Shinohara, Ayako Matsuoka, Shoichiro Yokota, Satoshi Kasahara, Kunihiro Keika, Tomoaki Hori, Mariko Teramoto, Kazuhiro Yamamoto
43	Systematic Photospheric Magnetic Evolution Prior to Powerful, Eruptive Flares	Prof. Brian T. Welsch (Univ. of Wisc. - Green Bay), Dr. Yang Liu (Stanford University)
44	SUNRISE III balloon observations of 3D magnetic fields in the solar atmosphere	Y. Katsukawa, S. K. Solanki, A. Korpi-Lagg, P. Bernasconi, J. C. del Toro Iniesta, T. Berkefeld, A. Gandorfer, A. Feller, T. Riethmuller, M. Kubo, H. Hara, T. Shimizu,T. Oba, Y. Kawabata, SUNRISE III team
45	A real-time prediction system of CME arrival and its magnetic field with SUSANOO-CME simulation	Daikou Shiota
46	Space Weather forecasting models for Space Weather events	Tommaso Torda
47	Ion mass estimations with Langmuir probes onboard the Swarm satellites over one complete solar activity cycle	Matthias Förster(1), Johnathan Burchill(2), and Levan Lomidze(2) (mfo@gfz.de) (1) GFZ Helmholtz Centre for Geosciences, Section 1.1, 14473 Potsdam, Telegrafenberg, Germany (2) Department of Physics and Astronomy, University of Calgary, Calgary, Alberta, Canada