number	name	affiliation	country	assignment	1: student
1	Kazuo Shiokawa	Nagoya University	Japan	PI	
2	Yoshizumi Miyoshi	Nagoya University	Japan	Co-l	
3	Yasunobu Ogawa	National Institute of Polar Research	Japan	Co-I	
4	Tatsuhiro Yokoyama	Kyoto University	Japan	Co-I	
5	Akimasa Yoshikawa	Kyushu University	Japan	Co-I	
6	Lynn Kistler	University of New Hampshire	US	overseas Co-I	
7	Gang Lu	University of Colorado	US	overseas Co-I	
8	Claudia Stolle	Leibniz Institute of Atmospheric Physics	Germany	overseas Co-I	
9	Ryuho Kataoka	National Institute of Polar Research	Japan	core domestic collaborator	
10	Huixin Liu	Kyushu University	Japan	core domestic collaborator	
11	Nozomu Nishitani	Nagoya University	Japan	core domestic collaborator	
12	Masahito Nose	Nagoya City University	Japan	core domestic collaborator	
13	Yuichi Otsuka	Nagoya University	Japan	core domestic collaborator	
14	Shin-ichiro Oyama	Nagoya University	Japan	core domestic collaborator	
15	Mamoru Yamamoto	Kyoto University	Japan	core domestic collaborator	
16	Satoshi Kurita	Kyoto University	Japan	domestic collaborator	
17	Mitsunori Ozaki	Kanazawa University	Japan	domestic collaborator	
18	Iku Shinohara	JAXA	Japan	domestic collaborator	
19	Yoshimasa Tanaka	National Institute of Polar Research	Japan	domestic collaborator	
20	Ryoichi Fujii	National Institute of Polar Research	Japan	domestic collaborator	
21	Claudia Martinez- Calderon	Nagoya University	Japan	domestic collaborator (early career/student)	
22	Liwei Chen	Nagoya University	Japan	domestic collaborator (early career/student)	1
23	Weizheng Fu	Nagoya University	Japan	domestic collaborator (early career/student)	
24	Mizuki Fukizawa	National Institute of Polar Research	Japan	domestic collaborator (early career/student)	
25	Kirolosse Girgis	Kyushu University	Japan	domestic collaborator (early career/student)	1
26	Tsubasa Hashimoto	Kyushu University	Japan	domestic collaborator (early career/student)	1
27	Moe Hayashi	Kyushu University	Japan	domestic collaborator (early career/student)	1
28	Hayato Higuchi	Kyushu University	Japan	domestic collaborator (early career/student)	1
29	Tomohito Hori	Nagoya University	Japan	domestic collaborator (early career/student)	
30	Yikai Hsieh	Kyoto University	Japan	domestic collaborator (early career/student)	
31	Takuya Ijyuin	Kyushu University	Japan	domestic collaborator (early career/student)	1
32	Yuri Ito	University of ElectroCommunications	Japan	domestic collaborator (early career/student)	1
33	Chae-Woo Jun	Nagoya University	Japan	domestic collaborator (early career/student)	
34	Taiki Kikuchi	Nagoya University	Japan	domestic collaborator (early career/student)	1
35	Sandeep Kumar	Nagoya University	Japan	domestic collaborator (early career/student)	
36	Peng Liu	Kyoto University	Japan	domestic collaborator (early career/student)	1

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37	Saki Morita	Nagoya University	Japan	domestic collaborator (early career/student)	1
38	Kiyoka Murase	National Institute of Polar Research	Japan	domestic collaborator (early career/student)	1
39	Shreedevi PoRunakatu R	Nagoya University	Japan	domestic collaborator (early career/student)	
40	Diptiranjan Rout	Nagoya University	Japan	domestic collaborator (early career/student)	
41	Harune Sekido	Nagoya University	Japan	domestic collaborator (early career/student)	1
42	Atsuki Shinbori	Nagoya University	Japan	domestic collaborator (early career/student)	
43	Masafumi Shoji	Nagoya University	Japan	domestic collaborator (early career/student)	
44	Pankaj K. Soni	Nagoya University	Japan	domestic collaborator (early career/student)	
45	Rei Sugimurra	Nagoya University	Japan	domestic collaborator (early career/student)	
46	Takuya Sori	Nagoya University	Japan	domestic collaborator (early career/student)	
47	Kumi Takayama	Kyushu University	Japan	domestic collaborator (early career/student)	1
48	Tomotaka Tanaka	National Institute of Polar Research	Japan	domestic collaborator (early career/student)	1
49	Momoka Matsuoka	Nagoya University	Japan	domestic collaborator (early career/student)	1
50	Akari Nagatani	Nagoya University	Japan	domestic collaborator (early career/student)	1
51	Kazuhiro Yamamoto	University of Tokyo	Japan	domestic collaborator (early career/student)	
52	Lihui Qiu	Kyushu University	Japan	domestic collaborator (early career/student)	
53	Jo Baker	Virginia Tech	US	overseas collaborator	
54	Jacob Bortnik	UCLA	US	overseas collaborator	
55	Urban Brändström	Swedish Institute of Space Physics	Sweden	overseas collaborator	
56	Loren Chang	National Centeral University	Taiwan	overseas collaborator	
57	Jorge Chau	Leibniz Institute of Atmospheric Physics	Germany	overseas collaborator	
58	Martin Connors	Athabasca University	Canada	overseas collaborator	
59	Jesper W Gjerloev	Applied Physics Laboratory, Johns Hopkins University	US	overseas collaborator	
60	S. Gurubaran	Indian Institute of Geomagnetism	India	overseas collaborator	
61	Geonhwa Jee	Korea Polar Research Institute (KOPRI)	South Korea	overseas collaborator	
62	Andreas Keiling	University of California Berkeley	US	overseas collaborator	
63	Antti Kero	Sondankyla Geophysical Observatory	Finland	overseas collaborator	
64	Khan-Hyuk Kim	Kyung-Hee University	South Korea	overseas collaborator	
65	Robert Lysak	Minnesota University	US	overseas collaborator	
66	Ayman Mahrous	E-JUST	Egypt	overseas collaborator	
67	Ingrid Mann	The Arctic University of Norway	Norway	overseas collaborator	
68	Jyrki Manninen	Sodankyla Geophysical Observatory	Finland	overseas collaborator	
69	Aurélie Marchaudon	CNRS	France	overseas collaborator	

Rumi Nakamura	Space Research Institute, Austrian Academy of Sciences	Austria	overseas collaborator	
Melessew Niugassie	Bahir Dar University	Ethiopia	overseas collaborator	
Shin Ohtani	Applied Physics Laboratory, Johns Hopkins University	US	overseas collaborator	
D. Pallamraju	Physical Research Laboratory	India	overseas collaborator	
Minna Palmroth	University of Helsinki	Finland	overseas collaborator	
Nick Pedatella	National Center for atmosphere Research	US	overseas collbaorator	
Slava Pilipenko	Institute of Physics of the Earth	Russia	overseas collaborator	
Pasha Ponomarenko	University of Saskatchewan	Canada	overseas collaborator	
Babatunde Rabiu	NASRDA	Nigeria	overseas collaborator	
Mike Ruohoniemi	Virginia Tech	US	overseas collaborator	
Ondrej Santolik	Institute of Atmospheric Physics	Czech	overseas collaborator	
Esa Turunen	Sondankyla Geophysical Observatory	Finland	overseas collaborator	
Pekka T. Verronen	Sodankyla Geophysical Observatory	Finland	overseas collaborator	
Jack Wang	NASA Goddard	US	overseas collaborator	
Yusuke Yamazaki	University of Potsdam	Germany	overseas collaborator	
Clara Yatini	National Research and Innovation Agency (BRIN)	Indonesia	overseas collaborator	
Prayitno Abadi	National Research and Innovation Agency (BRIN)	Indonesia	overseas collaborator (early career/student)	
Ardra K P	University of Warwick	UK	overseas collaborator (early career/student)	1
Rajesh Kumar Barad	Indian Institute of Geomagnetism	India	overseas collaborator (early career/student)	1
Lalitha G Krishnan	Space Physics Laboratory, VikramSarabhaiSpaceCentre	India	overseas collaborator (early career/student)	1
Upadhyay Kshitiz	Physical Research Laboratory, Ahmedabad, India	India	overseas collaborator (early career/student)	1
George Ochieng Ondede	The Technical University of Kenya	Kenya	overseas collaborator (early career/student)	1
Akshay Shivaji Patil	Sanjay Ghodawat University, Kolhapur	India	overseas collaborator (early career/student)	1
Manu Varghese	Institute of Space Sciences, Shandong University	China	overseas collaborator (early career/student)	1
Suman K. Das	Leibniz Institute of Atmospheric Physics	Germany	overseas collaborator (early career/student)	1
Shibaji Chakraborty	Virginia Tech	US	overseas collaborator (early career/student)	
Adhitya Pavithran	Indian Institute of Geomagnetism	India	overseas collaborator (early career/student)	1
Aleksandr Rubtsov	Institute of Solar-Terrestrial Physics SB RAS	Russia	overseas collaborator (early career/student)	1
	Melessew Niugassie Shin Ohtani D. Pallamraju Minna Palmroth Nick Pedatella Slava Pilipenko Pasha Ponomarenko Babatunde Rabiu Mike Ruohoniemi Ondrej Santolik Esa Turunen Pekka T. Verronen Jack Wang Yusuke Yamazaki Clara Yatini Prayitno Abadi Ardra K P Rajesh Kumar Barad Lalitha G Krishnan Upadhyay Kshitiz George Ochieng Ondede Akshay Shivaji Patil Manu Varghese Suman K. Das Shibaji Chakraborty Adhitya Pavithran	Melessew Niugassie Bahir Dar University Shin Ohtani Applied Physics Laboratory, Johns Hopkins University D. Pallamraju Physical Research Laboratory University of Helsinki Nick Pedatella National Center for atmosphere Research Slava Pilipenko Institute of Physics of the Earth Pasha Ponomarenko University of Saskatchewan Babatunde Rabiu NASRDA Mike Ruohoniemi Virginia Tech Ondrej Santolik Institute of Atmospheric Physics Esa Turunen Sodankyla Geophysical Observatory Pekka T. Verronen Sodankyla Geophysical Observatory Jack Wang NASA Goddard Yusuke Yamazaki University of Potsdam Clara Yatini National Research and Innovation Agency (BRIN) Prayitno Abadi National Research and Innovation Agency (BRIN) Ardra K P University of Warwick Rajesh Kumar Barad Indian Institute of Geomagnetism Space Physics Laboratory, VikramSarabhaiSpaceCentre Physical Research Laboratory, Ahmedabad, India George Ochieng Ondede Akshay Shivaji Patil Manu Varghese Shandong University Suman K. Das Shibaji Chakraborty Virginia Tech Adhitya Pavithran Aleksandr Ruhtsoy Institute of Solar-Terrestrial	Rumi NakamuraAustrian Academy of SciencesAustriaMelessew NiugassieBahir Dar UniversityEthiopiaShin OhtaniApplied Physics Laboratory, Johns Hopkins UniversityUSD. PallamrajuPhysical Research LaboratoryIndiaMinna PalmrothUniversity of HelsinkiFinlandNick PedatellaNational Center for atmosphere ResearchUSSlava PilipenkoInstitute of Physics of the EarthRussiaPasha PonomarenkoUniversity of SaskatchewanCanadaBabatunde RabiuNASRDANigeriaMike RuohoniemiVirginia TechUSOndrej SantolikInstitute of Atmospheric PhysicsCzechEsa TurunenSondankyla Geophysical ObservatoryFinlandPekka T. VerronenSodankyla Geophysical ObservatoryFinlandJack WangNASA GoddardUSYusuke YamazakiUniversity of PotsdamGermanyClara YatiniNational Research and Innovation Agency (BRIN)IndonesiaPrayitno AbadiNational Research and Innovation Agency (BRIN)IndonesiaArdra K PUniversity of WarwickUKRajesh Kumar BaradGeomagnetismIndiaLalitha G KrishnanSpace Physics Laboratory, Ahmedabad, IndiaIndiaGeorge Ochieng OndedeKenyaKenyaAkshay Shivaji PatilSanjay Ghodawat University of KenyaKenyaSanjay Ghodawat UniversityChinaSuman K. DasInstitute of Space Sciences, Shandong UniversityChinaShibaji ChakrabortyV	Rumin Nakamura Austrian Academy of Sciences Austrian overseas collaborator Melessew Niugassie Bahir Dar University Ethiopia overseas collaborator Shin Ohtani Applied Physica Laboratory, Johns Hopkins University, Driversity of Helsinki US overseas collaborator Milna Palmroth University of Helsinki Finland overseas collaborator Nick Pedatella National Center for atmosphere Research US overseas collaborator Siava Pilipenko Institute of Physics of the Earth Russia overseas collaborator Pasha Ponomarenko University of Saskatchewan Canada overseas collaborator Mike Ruohoniemi Virginia Tech US overseas collaborator Ondrej Santolik Institute of Atmospheric Physics Czech overseas collaborator Esa Turunen Sondankyla Geophysical Observatory Finland overseas collaborator Pekka T. Verronen Sodankyla Geophysical Observatory Finland overseas collaborator Vusuke Yamazaki University of Potsdam Germany overseas collaborator Clara Yatini National Research and Innovation Agency (BRIN) <td< td=""></td<>