



African Capacity Building Workshop on Space Weather Effects on GNSS | (SMR 3741)

03 Oct 2022 - 14 Oct 2022
ICTP, Italy

5 Directors

1. CESARONI Claudio	(In Pers.)	INGV	Italy
2. GADIMOVA Sharafat	(In Pers.)	UNOOSA	Austria
3. GROVES Keith	(In Pers.)	Boston College	United States of America
4. NAVA Bruno	(In Pers.)	ICTP	Italy
5. OLWENDO Joseph Ouko	(In Pers.)	Pwani University	Kenya

22 Speakers

1. AMORY Christine Marie Eugenie	(In Pers.)	Sorbonne Universités	France
2. ARBESSER RASTBURG Bertram Reinhard	(In Pers.)	Austrian Institute of Navigation (AIN/OVN)	Austria
3. BENIGUEL Lucien Yannick Marie	(In Pers.)	I.E.E.A.	France
4. CARRANO Charles Salvatore	(Online)	Institute for Scientific Research, Boston College	United States of America
5. COSTER Anthea Jane	(Online)	M.I.T. - Atmospheric Sciences Group Haystack Observatory	United States of America
6. GARRISON James Levi	(In Pers.)	Perdue University	United States of America
7. HERNANDEZ PAJARES Manuel	(In Pers.)	UPC-IonSAT	Spain
8. KASHCHEYEV Anton	(In Pers.)	University of New Brunswick	Canada
9. KRANKOWSKI Andrzej	(In Pers.)	University of Warmia and Mazury in Olsztyn (UWM), Space Radio-Diagnostics Research Centre (SRRC/UWM)	Poland
10. MIGOYA ORUE Yenca Olivia	(In Pers.)	ICTP	Italy
11. MIQUEL Garcia-Fernandez	(Online)	Universitat Politècnica de Catalunya, Dept. Física Aplicada	Spain
12. MORTON Yu Tong	(In Pers.)	University of Colorado	United States of America
13. OBROU Kouadio Olivier	(In Pers.)	Université FHB de Cocody UFR SSMT Laboratoire de Physique de l'Atmosphère	Cote d'Ivoire
14. PI Xiaoqing	(In Pers.)	Jet Propulsion Laboratory, California Institute of Technology	United States of America
15. PRADIPTA Rezy	(Online)	Boston College	United States of America
16. RABIU Akeem Babatunde	(In Pers.)	Centre For Atmospheric Research Kogi State University	Nigeria
17. RADICELLA Sandro Maria	(In Pers.)	Boston College	United States of America
18. RAQUET John Foster	(In Pers.)	Integrated Solutions for Systems	United States of America
19. RETTNERER John	(Online)	Institute for Scientific Research, Boston College	United States of America
20. THAYYIL Jayachandran Periyadan	(Online)	University of New Brunswick	Canada
21. WALTER Todd Frederick	(Online)	Stanford University, Department of Aeronautics and Astronautics	United States of America
22. ZERNOV Nikolai	(Online)	Department of Radio Physics, Saint Petersburg State University	Russian Federation

114 Participants

1. ABAIDOO Samuel	(Online)	National Institute of Space research	Brazil
2. ABDALLA Abdalla Shaker Tawfik	(In Pers.)	Egyptian Space Agency (EgSA)	Egypt
3. ABDULRAHIM Rasheedat Bola	(Online)	National Space Research and Development Agency, Centre for Satellite Technology Development	Nigeria
4. ABE Oladipo Emmanuel	(Online)	Department of Physics Federal University Oye Ekiti	Nigeria
5. ABO SHOSHA Hossam Asham Allah Mohamed Hasnaa	(Online)	Helwan University, Faculty of science, Space Science, Space Weather Monitoring Center	Egypt
6. ABUELEZZ Ola Ahmed Mustafa	(Online)	Space Weather Monitoring Center SWMC Helwan University, Physics Department	Egypt

7.	ADERO Awuor Ochieng	(Online)	The Technical University of Kenya, Department of physics and Space Sciences	Kenya
8.	ADEWUMI Adebayo Segun	(Online)	Landmark University, Omu-Aran, Faculty of Pure and Applied Sciences, Department of Physical Sciences	Nigeria
9.	AFOLABI Oladayo Olayiwola	(Online)	Instituto Nacional de Pesquisas Espaciais	Brazil
10.	AHMED Mostafa Nasser Sayed	(Online)	Helwan University	Egypt
11.	AKERELE Aderonke Adekemi	(In Pers.)	Space Environment Research Laboratory National Space Research and Development Agency NASRDA	Nigeria
12.	AKINOLA Olanike Olufunmilayo	(Online)	Advance Space Technology and Applications Laboratory, National Space Research and Development Agency	Nigeria
13.	ALI Mahmoud Sayed Abdelghany	(Online)	Astronomy, Space Science and Meteorology Department	Egypt
14.	ANGGARANI Sefria	(Online)	Research Center for Space, BRIN	Indonesia
15.	ANORUO Chukwuma Moses	(Online)	University of Nigeria Department of Physics and Astronomy	Nigeria
16.	AOL Sharon	(In Pers.)	Mbarara University Of Science And Technology Department Of Physics	Uganda
17.	ARGÜELLES Noelia Beatriz	(Online)	Facultad de Ciencias Exactas y Tecnologías, Universidad Nacional de Tucumán	Argentina
18.	ASAMOAH Eric Nana	(Online)	University of Salento/INGV Department of Innovation	Italy
19.	ATHER Fatima	(Online)	Karachi University, Science Faculty, Space Science	Pakistan
20.	BELDJILALI Bilal	(In Pers.)	Department of space geodesy Center of space techniques	Algeria
21.	BELLO Saeed Abioye	(Online)	Department of Physics, Faculty of Physical Sciences, University of Ilorin	Nigeria
22.	BENJAMIN Joshua Olamide	(Online)	Institute of space science and Engineering Obasanjo Space centre Abuja	Nigeria
23.	BULALA Avuyile Sisanda	(Online)	Rhodes University, Faculty of Science, Department on physics and Electronics	South Africa
24.	CHOUGULE Prajakta Deepak	(Online)	Space Weather Center Department of Physics	India
25.	CHOUGULE Kuber Susmita	(Online)	Space Weather Center, Department of Physics, Smt.Kasturabi Walchand College, Timber Area, Wood House Road, Sangli-416416,(Maharashtra)	India
26.	CILLIERS Petrus Johannes	(Online)	South African National Space Agency Space Science Directorate	South Africa
27.	DARE-IDOWU Oluwakemi Esther	(Online)	Center for Atmospheric Research, National Space Research and Development Agency	Nigeria
28.	DAS Tanmay	(Online)	Institute of Radio Physics and Electronics; University of Calcutta Stratosphere Troposphere Radar Facility Space Technology Application Lab	India
29.	DENAKPO Hermione Fleurette Wiwedji	(Online)	Institut de mathématiques et de sciences physiques	Benin
30.	DIABY Kassamba Abdel Aziz	(In Pers.)	Felix Houphouet Boigny University Department of Physics	Cote d'Ivoire
31.	FAKOMITI Mary Oluwadamilola	(In Pers.)	Physics Department, Faculty of Science, Federal University	Nigeria
32.	FASHAE Joshua Bankole	(In Pers.)	Bowen University, Iwo. Physics and Solar Energy programe, College of Agriculture, Engineering and Sciences	Nigeria
33.	FATURAHMAN Agri	(Online)	Ionosphere and Radio Wave Propagation Research Group, Research Center for Space, National Research and Innovation Agency (BRIN)	Indonesia
34.	FEYISSA Teshome Dugassa	(In Pers.)	Ethiopian Space Science and Technology Institute Dept of Space Science and Application and Research Development	Ethiopia
35.	GAMONAL VALENZUELA José Luis	(Online)	Faculty of Science San Luis Gonzaga National University	Peru
36.	GAUTAM Sabin	(Online)	-	Nepal
37.	GIDAY Nigusie Mezgebe	(Online)	Space Science and Geospatial Institute, Space Science and Applications R&D	Ethiopia
38.	GRODDJI Oswald Didier Franck	(Online)	University of Cocody Department of Geomagnetism and Aeronomy	Cote d'Ivoire
39.	GUERRA Marco	(Online)	-	Italy

40.	GUL Bushra	(In Pers.)	University of Karachi	Pakistan
41.	HABYARIMANA Valence	(Online)	Mbarara University of Science and Technology, Faculty of Science, Department of Physics	Uganda
42.	HAMMOU ALI Omar	(In Pers.)	Faculty of Earth Sciences and Country Planning, University of Science and Technology Houari Boumediene (USTHB)	Algeria
43.	HINOSTROZA SAENZ Israel David	(Online)	SONDRA - CentraleSupélec	France
44.	HUNDAL Rabia Ali	(Online)	-Institute of Space Technology , Department of Space Science	Pakistan
45.	IDIKIR Omena Raphael	(Online)	University of Lagos, Faculty of Science, Department of Physics	Nigeria
46.	IGUE Khefil Itchola Babatounde	(Online)	AGEOS Agence Gabonaise d'Etudes et d'Observations Spatiales BP 3850 Zone Economique Spéciale de Nkok, Parcelle R27 Tél : +241 011 74 17 16 Fax : +241 011 74 17 16	Gabon
47.	IKANI Ojochenemi	(Online)	Center for Atmospheric Research, National Space Research and Development Agency, NASRDA	Nigeria
48.	IMAM Mohamed Elmubarak Ali Rayan	(In Pers.)	Istituto Nazionale di Geofisica e Vulcanologia	Italy
49.	KADESA Olivia	(Online)	Pwani University, Department of Physics	Kenya
50.	KEBEDE Aderaw Bantayehu	(Online)	Bahir Dar University, Washera Geospace and Radar Science Research Laboratory(WaGRL), Department of Physics	Ethiopia
51.	KEBIE Birbiraw Deresse	(Online)	Addis Ababa University, Institute of Geophysics Space Science and Astronomy (IGSSA)	Ethiopia
52.	KOCHU KRISHNAN NAIR GANGA Simi	(In Pers.)	Mahatma Gandhi College, Department of Physics, University of Kerala	India
53.	KOUADIO Konan Fernand	(In Pers.)	Polytechnic University of Man Department of Physics	Cote d'Ivoire
54.	KOUASSI N'Guessan	(Online)	University of Felix Houphouet Boigny Department of physics	Cote d'Ivoire
55.	KOUGBEAGBEDE Hilaire	(Online)	University of Abomey-Calavi Department of Physic	Benin
56.	KUHAMBA Timothy Kudzanayi	(Online)	Broadcasting Authority of Zimbabwe	Zimbabwe
57.	LAWAL Hammed Adeniyi	(Online)	Physics Department, Faculty of Science, Air Force Institute of Technology	Nigeria
58.	LEMMA Mengistu Endalkachew	(Online)	-	Ethiopia
59.	LOMOTey Otoo Solomon	(In Pers.)	Coordinator, Space Physics Program University of Environment and Sustainability Development (UESD) School of Built Environment Department of Smart (Self-Monitoring Analysis and Reporting Technology) Technologies , PMB, Somanya, Eastern Region, Ghana.	Ghana
60.	MAMINIMINI Amanda Maria	(Online)	Zimbabwe National Geospatial and Space Agency Space Science department	Zimbabwe
61.	MANER Nabilal Karishma	(Online)	Department of Physics, Shrimati Kasturbai Walchand College, Sangli, Maharashtra.	India
62.	MARCUCCI Adriana	(Online)	CNMCA National Center for Aerospace Meteorology and Climatology	Italy
63.	MARGARET Zipporah Njeri	(In Pers.)	Kenya Space Agency	Kenya
64.	MARLIA Dessi	(Online)	School of Electronic and Information Engineering Beihang University	People's Republic of China
65.	MATAMBO Fortune Tatenda	(Online)	Zimbabwe national geospatial and space Agency	Zimbabwe
66.	MAUNDU Ndunge Nahum	(Online)	Pwani university, school of pure and applied science department of physics.	Kenya
67.	MILIMU Hannington Anekha	(Online)	Maseno University, Faculty of Science	Kenya
68.	MOSES Mefe	(Online)	Department of Geomatics Ahmadu Bello University Zaria	Nigeria
69.	MOYANA Kudakwashe	(Online)	Zimbabwe National Geospatial and Space Agency, Space Science Department	Zimbabwe
70.	MUKA Peter Taiwo	(Online)	Ladoke Akintola University of Technology, Faculty of Pure and Applied Physics, Department of Pure and Applied Physics	Nigeria
71.	MUNGUFENI Patrick	(In Pers.)	Muni University	Uganda
72.	MUNHUWENHAMO Isaxon Tangawa Fungwa	(In Pers.)	-	Zimbabwe

73.	MWANZI Mary Matuvi	(Online)	Jomo Kenyatta University of Agriculture and Technology	Kenya
74.	NDACYAYISENGA Theogene	(Online)	University of Rwanda, College of Science and Technology, School of Science, Department of Physics	Rwanda
75.	NOORELDEEN Hassan Mahdy Mohamed Hussein	(Online)	Egyptian Space Agency (EgSA)	Egypt
76.	NWANKWO Onyinye Gift	(Online)	Department of Climate and Space Sciences and Engineering, College of Engineering, University of Michigan	United States of America
77.	NYAWADE Andrew Otieno	(In Pers.)	Kenya Space Agency/ University of Nairobi, Department of Electrical & Information Engineering	Kenya
78.	OBUYA Lucy Atieno	(In Pers.)	Maseno University, School of Physical and Biological Sciences, Department of Physics and Materials Science	Kenya
79.	OJO Olakunele Lawrence	(In Pers.)	Department of Physics, Faculty of Science, Federal University Oye Ekiti	Nigeria
80.	OKOH Daniel Izuikedinachi	(Online)	Space Environment Research Facility Centre for Atmospheric Research National Space Research and Development Agency	Nigeria
81.	ÖKTEN Mehmet Baran	(Online)	TUBITAK Polar Research Institute	Republic of Türkiye
82.	OLABODE Ayomide Oluyemi	(Online)	Space Geodetic Techniques Section GFZ German Research Center for Geosciences	Germany
83.	OLOKETUYI Jacob Oladeji	(Online)	Bamidele Olumilua University of Education, Science and Technology	Nigeria
84.	OMOLLO Brian Oure	(Online)	Kenya Space Agency	Kenya
85.	OMONDI George Erick	(Online)	Maseno University Department of Physics and Materials Science	Kenya
86.	ONDEDE George Ochieng	(Online)	Technical University of Kenya	Kenya
87.	ONWUNEME Ebere Sylvester	(Online)	Department of Physics, Faculty of Science, University of Port Harcourt	Nigeria
88.	ONYANGO Marshall Otieno	(Online)	Kanga National School Science Department	Kenya
89.	ONYANGO Paul Obasanjo	(Online)	-	Kenya
90.	OPIO Phillip	(Online)	Mbarara University of Science and Technology (MUST) Faculty of Science Department of Physics	Uganda
91.	OSANYIN Taiwo Olusayo	(Online)	National Institute for Space Research, Division of Heliophysics, Planetary Sciences and Aeronomy (DIHPA), Department of Space Geophysics	Brazil
92.	OSURI Isaac Angina Odera	(Online)	Technical University of Kenya School of Surveying and Spatial Science	Kenya
93.	OWUOR Collins Othieno	(Online)	Technical University of Mombasa, School of Engineering, Building and Civil Engineering Department	Kenya
94.	PANDA Sampad Kumar	(Online)	Space Technology and Atmospheric Sciences Research Laboratory (STAR), Department of Electronics and Communication Engineering, Koneru Lakshmaiah Education Foundation (KL University)	India
95.	PANDIT Drabindra	(Online)	St. Xavier's College	Nepal
96.	PANGESTU Ayu Dyah	(Online)	National Research and Innovation Agency (BRIN)	Indonesia
97.	PASUMARTHI Babu Sree Harsha	(Online)	National Atmospheric Research Laboratory (NARL)	India
98.	PICA Emanuele	(Online)	Istituto Nazionale di Geofisica e Vulcanologia (INGV)	Italy
99.	RAJAVARATHAN Jenan	(In Pers.)	Faculty of Geomatics Sabaragamuwa University of Sri Lanka	Sri Lanka
100.	SAMBA Francilly Lardin	(Online)	National Meteorological Service of the Republic of the Congo	Congo
101.	SHETTI Dadaso Jaypal	(Online)	Smt. Kasturbai Walchand College	India
102.	SHIMEIS Amira Abdelazim Ahmed Ibrarhim	(Online)	Department of Solar and Space Research, National Research Institute of Astronomy and Geophysics (NRIAG)	Egypt
103.	TABTI Lahouaria	(Online)	Algeria Space Agency Center of Spatial Techniques Department of Geodesy	Algeria
104.	TEREFE Dejene Ambisa	(Online)	Wolaita Sodo University Department of Physics	Ethiopia
105.	THAGANYANA Golekamang Piet	(In Pers.)	Rhodes University Faculty of Science Department of Physics and Electronics	South Africa

106.	TWINAMASIKO Benon Fred	(Online)	Makerere University Physics Department	Uganda
107.	UGA Chali Idosa	(Online)	Jimma University College of Natural and Computational Science Department of Physics	Ethiopia
108.	ULUMA Nyongesa Edward	(Online)	MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY	Kenya
109.	UMUHIRE Ange Cyntia	(In Pers.)	University of Rwanda, College of Science and Technology	Rwanda
110.	WATESO Begashaw Tadesse	(Online)	Addis Ababa University	Ethiopia
111.	WAWERU Mary Dusabe	(In Pers.)	Jomo Kenyatta University of Agriculture and Technology Department of Physics	Kenya
112.	WOLDEMARIAM Shumet Workie	(Online)	Bahir Dar University, Collage of Science, Physics Department, Washera Geospace and Radar Science Laboratory (WaGRL)	Ethiopia
113.	YASSEN Ahmed Mahmoud Hassan	(In Pers.)	Space Environment Research Lab (SERL), Institute of Basic and Applied Science (BAS), Egypt-Japan University of Science and Technology	Egypt
114.	YASSIN Sadya Mohammed	(Online)	Bahir Dar University Department of Physics Washera Geospace and radar science research laboratory	Ethiopia