Times/Day	Day Monday October 2		
07:30 - 08:15	Registration		
	Chair - Dr. Patrick Sibanda - Space Weather		
08:15 - 08:15	Welcome Remarks - Dr. C. Ngwira and AGS President/Representative		
08:20 - 08:45	Opening Address; Ministry of Technology and Science Representative –		
	Director Jane Chinkusu		
08:45 - 09:00	John Bosco Habarulema- Remembering Dr. Lee-Anne McKinnell		
09:00 - 09:15	Keynote Speaker: Reinhard Friedel - NASA Heliophysics Space Weather		
	Program		
09:15 - 09:30	Rendani Nndanganeni- Overview of South African National Space Agency's		
	new 24/7 Operational Space Weather Capability		
09:30 - 09:45	Eshet Tafes – Regional Overview of The African Space Program: Challenges		
	and Prospective Solutions in the Long Run		
09:45 - 10:00	Susan Skone - A Near Real-Time Ionospheric Data Assimilation Framework		
	for Space Weather Decision Support		
10:00 - 10:15	Antti Pulkkinen- Moved		
10:15 - 10:30	Coffee Break		
	Chair - Dr. Susan Skone - Observational Studies and Modeling		
10:30 - 10:45	Jade Morton - GNSS As Signals-of-Opportunity for Ionosphere, Atmosphere,		
	Ocean Surface, and Land Cover Remote Sensing		
10:45 - 11:00	Lindsay Goodwin - Resolving F-region irregularity drivers using multipoint		
	incoherent scatter radar		
11:00 - 11:15	Denny Oliviera - Interplanetary shock impact angle control of dB/dt		
	variations induced during substorms: A statistical study		
11:15 - 11:30	Banda Yoram - Withdrawn		
11:30 - 11:45	EndawokeYizengaw - The Unintended Sources of Radio Frequency		
	Interference on GNSS Signals		
11:45 - 12:00	Audu Moses Owoicho - Statistical Analysis and Characterization of the		
11.75	Occurrence of Geomagnetic Storms and its Dependent on Solar Cycle,		
	Season, and Time during Solar Cycles 21 – 24 (Remote)		
12:00 - 12:15	Sulungu Emmanuel - Performance of IRI 2016 Model in Predicting Total		
12.00 - 12.13	Electron Content in Comparison with GPS-TEC in Southern Equatorial		
	Ionization Anomaly Crest over East Africa During 2019 – 2021 (withdrawn)		
12:15 - 12:30	Vincent Ledvina - The North Dakota Dual Aurora Camera Version 2.0		
12.15 12.50	(NoDDAC2.0), a Platform for Citizen Science and a Testbed for Implementin		
	Best Practices in Open Data and Collaboration		
12:30 - 14:00	Lunch		
12:50 - 14:00	Chair - Dr. Andrew Akala - Dynamics/Electrodynamics of the Ionosphere		
	Chair - Dr. Anurew Anaia - Dynamics/ Electrodynamics of the temporary		
14:00 - 14:15	Zama K. Josephs - Influence of Neutral Wind on Nighttime MSTID		
	Propagation  The Consent the Missing Longsphere: Investigating the		
14:15 - 14:30	Claire Gasque - The Case of the Missing Ionosphere: Investigating the		

Ionospheric Hole Following the 2022 Tonga Volcanic Eruption		
Anthea Coster - Ionospheric Storms in Solar Cycle 25: Monitoring		
scintillation and TEC		
Ramazan ATICI - Disturbances in the mid-latitude ionosphere during Severe		
Geomagnetic Storms		
Chapagain Narayan - Ionospheric Variability Over Nepal Using GPS TEC		
Measurements		
Jason Derr - Pure Interchange in a Bubble (Remote)		
Coffee Break		
Chair - Dr. Anthea Coster - Solar and Heliosphere 1		
Christopher Ndiitwani- A Simulated Galactic Proton Modulation Studied		
from Solar Minimum to Maximum Conditions		
Pertti Makela - Sustained Gamma-Ray Emission Events in Solar Cycle 25		
Kostadinka Koleva - Spatial Relationship between CMEs and Prominence		
Eruptions		
Ramokgaba Innocentia Itumeleng - withdrawn		
Neal Hurlbert - Remote		
Nat Gopalswamy - Impact of Solar Cycle Variation on Space Weather		

	Tuesday October 3	
	Chair - Dr. Zama K. Josephs - Magnetosphere/Ionosphere/Lower Atmosphere Coupling	
08:00 - 08:15	Announcements	
08:15 - 08:30	James Roeder- Rapid Variations of Electron Pitch Angle Distributions and Correlated Wave Emissions	
08:30 - 08:45	Scott Thaller- The Role of Magnetospheric Dynamics in the Plasmasphere and their role in Driving Middle and low- latitude Ionospheric Effects	
08:45 - 09:00	Homayon Aryan - A Statistical Analysis of the Auroral Streamer Current Wedge	
09:00 - 09:15	Salinas Hector Angel - Statistical Analysis of Electric Current Structures in the Magnetosheath	
09:15 - 09:30	Fredrick Espen - Determining the reliability of OMNI data to Predict Solar Wind Conditions at Earth	
09:30 - 09:45	MengitsuTsidu Gizaw - The Westward-propagating Wavenumber 1 Quasi- two-day Oscillation in GPS-derived TEC and its Association with Solar and Geomagnetic Activities	
09:45 - 10:00	Mike Heyns - Developing Operational Space Weather Products Using Physics-based Engines	
10:00 - 10:15	Chigo Ngwira - Assessment of Geomagnetically Induced Currents - Observations and Modeling	

10:15 - 10:30	Coffee Break		
	Chair - Dr. Melessew Nigussie - Machine Learning and Remote Sensing		
	Studies		
10:30 - 10:45	Lonesome Malambo- Assessing the Consistency of ICESat-2 Elevations in		
	Cross-over Locations Across Zambia		
10:45 - 11:00	Ncube Mduduzi Blessing- Anthropogenic Effects on Atmospheric Pressure		
11:00 - 11:15	Daniel Okoh - 3-D modeling of the ionospheric electron density using		
	artificial neural networks(Remote)		
11:15 - 11:30	Mutale Chileshe Chryl		
11:30 - 11:45	Ayman Mahrous- Machine Learning Approaches for Space Weather: Case		
	Studies of Solar, Magnetospheric and Ionospheric Parameters		
11:45 - 12:00	George Shikwambana		
12:00 - 12:15	Mwenya Misheck- A Machine Learning Based Whistler Wave Identifier		
	Trained on Synthetic Data		
12:15 - 12:30	OmogoloKeobokil- Investigation of the Lake Bangweulu As a Possible		
	Candidate for Meteor Impact		
12:30 - 14:00	Lunch		
	Chair - Dr. John Bosco Habarulema - Data/Instrumentation, Outreach,		
	and Education		
14:00 - 14:15	Shuji Abe -Update on the MAGDAS Project (Remote)		
14:15 - 14:30	Patrick Sibanda - Data/instrumentation in Zambia		
14:30 - 14:45	Olusegun Jonah - Assessing the Effects of a Minor CIR-HSS Geomagnetic Storm on the Brazilian Low-Latitude Ionosphere		
14:45 - 15:00	Paul Baki- Opportunities and Challenges to Space Weather Research in		
	Africa		
15:00 - 15:15	Babatunde Rabiu - Present Status of Space Physics Research Infrastructure in		
	Africa (Remote)		
15:30 - 15:45	Jive Lubbungu - Storytelling and Narrative Techniques in Science		
	Education and Public Outreach: A Literary Perspective		
15:45 - 16:00	Prospery Simpemba - Science Outreach Programs Under IAU		
16:00 - 16:15	Fabiano Rodrigues - Low-Cost Ionospheric Scintillation (Remote)		
25,00 20,25			
	Chair - Dr. Chigo Ngwira and Mr. Prospery Simpemba		
17:30 - 20:00	Student Poster Session with light meal/drinks		

	Wednesday October 4	
	Chair - Dr. Rendani Nndanganeni - Low-latitude Ionosphere	
08:00 - 08:15	Announcements	
08:15 - 08:30	Patrick Sibanda - Observations of Scintillation in Zambia	
08:30 - 08:45	Melessew Nigussie- Characterization and Climatological Modeling of Equatorial Ionization Anomaly (EIA) Crest Position	
08:45 - 09:00	Aol Sharon - TBD (Remote)	
09:00 - 09:15	Andrew Akala- Effects of Nonlinear wave Propagation Through the Ionosphere During Nighttime	
09:15 - 09:30	Habarulema John Bosco - Modelling Ionospheric Vertical Drifts Using a Aombination of Ground-based and Satellite Data	
09:30 - 09:45	Aderonke Obafaye - TBD (Remote)	
09:45 - 10:00	Keith Groves: SCINDA Update (Remote)	
10:00 - 10:15		L. Land
10:15 - 10:30	Coffee Break	
10.25 10.50	Chair - Dr. Antti Pulkkinen - Solar and Heliosphere 2	
10:30 - 10:45	Alphonse Sterling - Onset of Large-scale and Small-scale Solar Eruptions	
10:45 - 11:00	Donald Ngobeni- Modelling Cosmic ray Solar Modulation Observed by PAMELA and HEPD01 Detectors in two Successive Solar Minima	
11:00 - 11:15	Sanchita Pal- Global Insight into a Complex-structured Heliosphere based on the Local Multi-point Analysis	
11:15 - 11:30	Mari-Paz Miralles - Coronal Cavity Stability in Pseudostreamers and Helmet Streamers	
11:30 - 11:45	Anshu Kumari Singh -	
11:45 - 12:00	Abby Godson- Unification of Low Luminosity Radio Sources	
12:00 - 12:15	Fred-Joe Nambala/Chigo - SID Monitor Data from UNZA	
12:15 - 12:30		
12:30 - 14:00	Lunch	
	Chair - Dr. Olivier Obrou - Miscellaneous Studies	
14:00 - 14:30	Antti Pulkkinen- NASA Goddard Space Flight Center Space Weather Priorities and Activities	
14:30 - 14:45	Olusegun Jonah- Investigating the Surface-Atmosphere Coupling During the Beirut Explosion Event	
14:45 - 15:00	Denny Oliveira- Filling in the Gaps: How the GDC Mission can help with Unravelling the Secrets of Inter-hemispheric Energy Inputs into the Magnetosphere-Ionosphere System	
15:00 - 15:15	Wojciech J. Miloch - Ionospheric Plasma Structuring and Irregularities(Remote)	

15:15 - 15:30	John Bosco Habarulema - TBD	
15:30 - 15:45		
15:45 - 16:00	Coffee Break	
16:00 - 16:15	Open Discussions and Closing	
	1000	

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