

UN/Nigeria WORKSHOP ON INTERNATIONAL SPACE WEATHER INITIATIVE

Abuja, Nigeria, October 17 – 21 , 2011

Scientific Program

AGENDA – Day 1 (Monday)

Session 1: Opening Session

- 9:00-9:30 Welcome Addresses: Nigeria officials, Pius Okeke, Hans Haubold, Babatunde Rabiou,
H. Hayakawa, Video welcome by Joseph Davila and Nat Gopalswamy
- 9:30-9:35 Logistics Babatunde Rabiou
- 9:35-10:15 UNBSS 1991-2012 Sharafat Gadimova & Hans haubold
- 10:15-10:30 Coffee Break

Session 2: ISWI Tutorials Chair: H. Haubold

- 10:30-11:00 Solar Corona (video) Joseph Davila
- 11:00-11:40 Solar Radio emission (video) Nat Gopalswamy
- 11:40-12:20 Solar Dynamo and Solar Activity Katya Georgieva
- 12:20-12:30 Discussion
- 12:30 – 01:30 Lunch

Session 3: ISWI Tutorials (Continued) Chair: K. Georgieva

- 1:30-2:10 Geospace Science K. Yumoto
- 2:10-3:00 Ionosphere B. Rabiou
- 3:00-3:40 Solar Energetic Particles Dalmiro Maia
- 3:40-4:00 Coffee Break
- 4:00-4:40 Solar Dynamics Observatory (video) Phil Chamberlin
- 4:40-5:20 Space Weather Modeling (video) Yihua Zheng
- 5:20-6:00 Space Weather A. Mahrous
- 6:00 – 6:30 Poster Viewing

AGENDA – Day 2 (Tuesday)

Session 4: ISWI Instrument Overviews Chair: B. Rabi

9:00-9:30	MAGDAS	K. Yumoto
9:30-10:00	SAVNET	F. Bertoni
10:00-10:30	African GPS	C. Mazaudier
10:30-10:50	Coffee Break	

Session 5: ISWI Instrument Overviews Chair: K. Yumoto

10:50-11:20	FMT-CHAIN	S. UeNo
11:20-11:50	SEVAN	D. Maricic
11:50-12:30	Discussion on Future of the Instrument program	
12:20-1:30	Lunch	

Session 6: ISWI Instrument Teams chair: Instrument Pls

2:00-4:00	Team meetings (parallel)	Team leaders
4:30-4:15	Coffee Break	

Session 7: ISWI Instrument Teams

4:15-5:30	Team meetings (parallel)	Team leaders
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Session 8: Posters

5:30-6:30	Posters	
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AGENDA – Day 3 (Wednesday)

Session 9: Field Trip

National Space Research and Development Agency NASRDA headquarters, Abuja;

Abuja, Millennium Park; and National Museum Abuja.

AGENDA – Day 4 (Thursday)

Session 10: Science Results chair: P. Okeke

- 9:00-9:30 International Committee on GNSS (ICG) S. Gadimova and H. Haubold
- 9:30-9:50 Determination of the Best-Fit Tropospheric Delay Model on the Nigerian Permanent GNSS Network (Nignet) J.D. Dodo
- 9:50-10:10 TEC derived from Some GPS Stations in Nigeria & Comparison with the IRI R.B. Abdulrahim
- 10:10-10:30 Analyzing Absorption of Sunlight By Mineral Dusts R. Salihu Sa'id
- 10:30-10:50 The Response of Interplanetary Medium to The Geomagnetic Storm Of April 2010
R. O. Salami
- 10:50-11:10 Low Level Jet Wind Shear At Niamey At Bamako M. Saidou
- 11:10-11:30 Coffee Break

Session 11: Science Results chair: R. Marshall

- 11:30-11:50 Space Weather Investigation Based on HF Propagation S.E. Tulunay and Y. Tulunay
- 11:50 -12:10 Seasonal Variability Of Solar Quiet Daily (Sq) Variation in Geomagnetic Elements at Low Latitudes O.R. Bello
- 12:10-12:30 Cosmic Ray Radiations & Solar Minimum: Response to Earth's Atmosphere
E.A. Hanson, F.N. Okeke and E.C. Okoro
- 12:30 – 1:30 Lunch

Session 12: Science Results

- 1:30-1:50 Signature of Midnight Temperature Maximum (MTM) Using TEC (GPS) and OI630 Nm Night Airglow S. D. Jaypal
- 1:50-2:10 Joule Heating in the Lower Thermosphere D. L. Danov
- 2:10-2:30 Electron Density Distribution Over Equatorial Ionosphere E T Desta

2:30-2:50	Ionogram Interpretation via Raytracing	C. D. Bennett
2:50-3:10	Solar Wind turbulence	A. Ibrahem
3:10-3:30	Chain-Project: Operation, Observation And Education	M. M. Lourdes-Milgros
3:30-3:50	Chain-Project: Investigations of Solar Active Phenomena	D. P. Cabezas
3:50-4:10	Solar Radiation and Longwave Radiative Climatology	R. Al-Nuaimi
4:10-4:30	Coffee Break	

Session 13: Extended Poster Session (All authors Present at their Posters)

4:30-6:30	Poster session	
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AGENDA – Day 5 (Friday)

Session 14: New Initiatives and National Efforts chair: D. Maia

9:00-9:20	Malaysia Approach on ISWI	Mhd. F. Asillam
9:20-9:40	Space Science & Technology in Ghana	N.A.K. Browne
9:40-10:00	Space Science at the University of Zambia	H. Mweene
10:00-10:20	Space Weather in China	J. Wang
10:20-10:40	From IHY to ISWI	A.B. Rabiou
10:40-11:00	Coffee Break	
11:00-11:20	Geomagnetism and Solar Physics in Peru	J. Ishitsuka
11:20-11:40	Initial Results from Awesome VLF Receiver in Ecuador	E.D. Lopez
11:40-12:00	International Collaboration and Academic Exchange of the Chain Project	S. Ueno
12:20-12:40	Overview of situation in Australia	R. Marshall
12:40-1:00	MAGDAS Project in Indonesia	H. Bangkit
1:00 – 2:00	Lunch	

Session 15: Closing session chair: S. Gadimova

2:00-2:30	Regional Centers for Space Science and Technology Education	S. Gadimova & H. Haubold
2:30-3:00	Discussion on International Center of Space Weather Sciences	K. Yumoto
3:00	Conclusion	H. Haubold