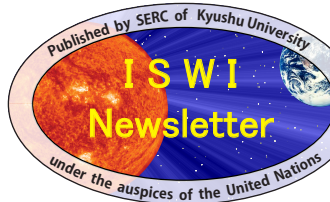


Issued by the  
ISOC of this  
workshop.



This pdf circulated in  
Volume 3, Number 89,  
on 13 October 2011.

## UN/Nigeria WORKSHOP ON INTERNATIONAL SPACE WEATHER INITIATIVE

Abuja, Nigeria

Monday, October 17, 2011

### Scientific Program

#### Session 1: Opening Session

9:00-9:30 Welcome Addresses: Nigeria officials, Pius Okeke, Hans Haubold, Babatunde Rabiun,  
H. Hayakawa, Video welcome by Joseph Davila and Nat Gopalswamy

9:30-9:35 Logistics Babatunde Rabiun

9:35-10:15 UNBSS 1991-2012 Sarafat Gadimova & Hans haubold

10:15-10:30 Coffee Break

#### Session 2: ISWI Tutorials

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)

1:30-2:10 Geospace Science K. Yumoto

2:10-3:00 Ionosphere B. Rabiun

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

### Session 4: ISWI Instrument Overviews

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

10:50-11:20	FMT-CHAIN	S. UeNo
11:20-11:50	SEVAN	D. Maricic
11:50-12:20	African GPS	C. Mazaudier
12:20-12:30	Discussion	
12:20-1:30	Lunch	

### Session 6: ISWI Instrument Teams\*

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
-----------	--------------------------	--------------

### Session 8: Posters

5:30-6:30	Posters	
-----------	---------	--

\*Team leaders schedule ISWI instrument related talks during sessions 6 and 7.

### AGENDA – Day 3

#### Session 9: Field Trip

National Space Research and Development Agency NASRDA headquarters, Abuja;

Abuja, Millennium Park; and

National Museum Abuja.

### AGENDA – Day 4

#### Session 10: Science Results

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

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. Ibrahim

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

## AGENDA – Day 5

### Session 14: New Initiatives and National Efforts

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	Marshall
12:40-1:00	MAGDAS Project in Indonesia	H. Bangkit
1:00 – 2:00	Lunch	

### Session 15: Closing session

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
3:30	Conclusion	H. Haubold