



# INTERNATIONAL WORKSHOP ON SPACE WEATHER AND EARTH'S SURFACE PHENOMENA

**Bells University of Technology, Benja Village, Ota, Ogun State**

**10 – 15 May 2015**

***THEME: THE USE OF SPACE SCIENCE FOR THE ENHANCEMENT OF THE STUDIES OF THE EARTH'S SURFACE PHENOMENA***

## **Co-Organisers**

**Bells University of Technology, Ota  
Centre for Atmospheric Research CAR,  
National Space Research and Development Agency NASRDA  
Atmospheric and Space Environment Research Network**

## **Background**

Space weather refers to the prevailing condition in the space environment which affects objects that are located within the region and technologies that are space dependent. Advanced nations and fast developing nations are becoming highly dependent on space-based technologies. Today, navigational systems, communication and even financial transactions are largely dependent on space based technology. Bells University of Technology has been playing host to this annual revolutionary scientific meeting since 2012. This third meeting held in 2014 turned out to be a regional school as participants came from neighboring West African countries.

This 4<sup>th</sup> edition has been extended to include programs on lower atmosphere with emphasis on Earth's surface phenomena. It is expected to aid development of capacity in space weather and science of Earth's surface phenomena as well as advance the cooperation and mentorship programs among participants. The Workshop shall feature fundamental topics such as science and techniques of probing the Earth's surface phenomena, micrometeorology, ionospheric physics, dynamo theory, dynamics of space weather, multi-techniques for probing space environment, on space weather data analysis techniques and hands on training on the analysis of Nigeria-Sat data for atmospheric purpose. The first day of the workshop shall be dedicated to joint event, while the remaining three days shall be run as parallel sessions for the groups interested in Space weather and Earth's surface phenomena. There shall be a joint closing event on Thursday 14th May 2015. Opportunity for mentor-mentee interaction shall be created during the Workshop.

The Workshop targets Masters students, PhD candidates, fresh postdoc researchers in fields of relevance to Atmospheric Physics (Meteorology) and Space Weather. Good final year Bachelor degree students can also apply for the Workshop.

## **Important Notice**

Applicants should prepare to come with self-owned Computer Laptops. **Intending applicant without Laptop may not enjoy the Workshop.**

## **Application for participation**

**Participation shall be by invitation to successful candidates.** Applications are invited from graduate students and fresh postdocs with research interest in Atmospheric Science. Participants must have a good working knowledge of English, which will be the only language of the Workshop. Invited participants will be expected to make presentation during the Workshop. Interested participants should complete the application form.

## **Main Speakers**

Professor Christine Amory Mazaudier, UPMC, Paris, France

Professor E. O. Oladiran, Bells Univ of Tech/ Univ of Ibadan, Nigeria

Professor V. U. Chukwuma, Olabisi Onabanjo Univ, Nigeria

Professor A. B. Rabi, Center for Atmospheric Research NASRDA, Nigeria

Dr Mrs Rabia Said, Bayero Univ, Kano, Nigeria

## **Key Dates for the Workshop**

\_ Deadline for application: 30 April 2015

\_ Notification of invitation: 2<sup>nd</sup> May 2015

\_ Arrival 10<sup>th</sup> May 2015

\_ Departure 15<sup>th</sup> May 2015

## **Venue of the Workshop**

The Workshop will be held within the premises of the Bells University of Technology, Ota. The Bells University of Technology is accessible from anywhere in Nigeria. All selected and invited participants will receive an information package with details on travel, lodging and other local arrangements.

## **Language of the Workshop**

Participants must have a good working knowledge of English, which will be the only language of the Workshop.

## **Registration for the Workshop**

There shall be no registration fee for the Workshop. Very limited support is available to selected candidate and this may cover lodging or feeding. Cheap and avoidable lodging facilities are available in the vicinity of Bells University.

## **Enquiries**

Direct all enquiries to: Kaka <olawumikaka@gmail.com >; 08029997354 ; or  
Jatto <jattosolomon@gmail.com > ; 08066488482