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Attachment(s):
(1) "2010 ISWI-Africa Summer School", 252 KB pdf, one page.

Dear ISWI Participant:

I attach a snapshot taken at the ISWI website, today, under the tab of "Projects". You can easily access it yourself.

This information is about the "2010 ISWI-Africa Summer School" scheduled to take place in Ethiopia later this year.
If you have any questions concerning it, please contact members of the Local Organizing Committee.

Cordially yours,
George Maeda
The Editor.

International Space Weather Initiative
TRAINING

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THE 2010 ISWI-AFRICA SUMMER SCHOOL IN SPACE SCIENCE, BAHIR DAR, ETHIOPIA

November 22-December 3, 2010
Washera Geospace and Radar Science Laboratory, Bahir Dar University, P.O.Box 79, Bahir Dar, Ethiopia

BACKGROUND INFORMATION

The IHY has successfully conducted many programs that have not only popularized space science all over the world and but also created favorable conditions for joint research and training in some sort of global framework. African scientists have successfully participated in the IHY and many research level scientific instruments have been installed in many parts of Africa in the framework of the IHY. In oder to make maximum use of these and other similar initiatives and establish strong space research groups in Africa, a high level training of young students and researchers is very crucial. The present summer school is a continuation of the African Regional IHY School, which was conducted in November 10-22, 2008 in Nigeria and its major objectives include teaching the fundamental knowledge and skills in

- space physics
- modern data analysis and interpretation methods
- Numerical methods in space physics
- Programming language called R, which is available freely.

MAJOR TOPICS OF THE SCHOOL

- The Sun and the dynamo process
- The Solar wind
- The magnetosphere
- The Ionosphere
- Ionosphere-Magnetosphere coupling
- The dynamics of the neutral atmosphere
- Numerical simulation of space plasma /MHD
- Application of GPS for ionospheric studies
- An incoherent scatter radar measurement theory
- Statistical Bayesian inversion techniques and its application in ionospheric imaging
- MCMC methods
- Introduction to R

LECTURERS

- Markku Lehtinen, University of Oulu, Finland
- Joseph Davila, NASA/GSFC, USA
- Nat Gopalswamy, NASA/GSFC, USA
- Roger Smith, University of Alaska, USA
- Juha Verienen, University of Oulu, Finland
- Rabiu Babatunde, Federal University of Technology, Akure, NIGERIA
- Olivier Obrou, University of Cocody, Ivory Coast
- Gizaw Mengistu, University of Addis Abeba, Ethiopia
- Baylie Damtie, University of Bahir Dar, Ethiopia

THE SITE OF THE SUMMER SCHOOL

- Washera Geospace and Radar Science Laboratory, Bahir Dar University, Ethiopia
- There is many direct daily flight from Addis Abeba (capital) to Bahir Dar. Please note that Bahir Dar, with the magnificent Blue Nile water falls (a shot shown below) and many historic churches in the islands situated in Lake Tana, is one of the very high tourist destination areas in Ethiopia.

LOCAL ORGANIZING COMMITTEE

- Melesew Negussie, Washera Geospace and Radar Science Laboratory, Bahir Dar University
- Tsegaye Kassa, Washera Geospace and Radar Science Laboratory, Bahir Dar University
- Asebe Oljira, Washera Geospace and Radar Science Laboratory, Bahir Dar University
- Dejen Saihlu, Ethiopian Meteorological Service, Ethiopia
- Moges Wassie, Washera Geospace and Radar Science Laboratory, Bahir Dar University
- Baylie Damtie, Washera Geospace and Radar Science Laboratory, Bahir Dar University

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