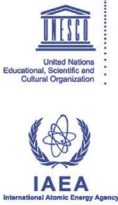




The Abdus Salam
International Centre
for Theoretical Physics
50th Anniversary 1964 - 2014



AFRICAN SCHOOL ON SPACE SCIENCE: RELATED APPLICATIONS AND AWARENESS FOR SUSTAINABLE DEVELOPMENT OF THE REGION

30 June 2014 – 11 July 2014

KIGALI- RWANDA

The Abdus Salam International Centre for Theoretical Physics (ICTP, Italy), The Institute of Scientific Research of Boston College (B.C , USA) and the University of Rwanda (UR) will jointly organize a *Space Science and Applications School* to be held in Kigali, Rwanda, from 30 June to 11 July 2014. The course will count on prestigious lecturers to be provided by expert space scientists and will cover topics relative to the physical phenomena of the solar-magnetospherespheric coupling that give rise to Space Weather and its impact on the near-Earth space environment and the technology driven activities.

PURPOSE OF THE SCHOOL

The purpose of the school is to strengthen capacity building in Space Science and applications like satellite communications and navigation but also to provide a forum for space scientists from abroad to train junior and prospective African space scientists. It provides an opportunity for exchange of ideas, cross border co-supervision and sharing of resources.

The overall aim of the school is to provide students and junior space scientists a forum to be actively involved into various international space science programs (i.e. ISWI, IHY, SCOSTEP, VARSITI, GIRGEA, etc.), for both reasons of fundamental space science research and space science education. Specific objectives of the school will be to: (i) Allow participants to be introduced to the solar-terrestrial physics and its impact on the near-Earth space environment and technology driven activities. (ii) Allow participants an opportunity to gain hands on experience in data analysis of the multiple space-borne and ground based array of space science instruments: e.g. GPS/GNSS data, SOHO/LASCO, STEREO, CALLISTO, SCINDA-MAGDAS magnetometers, ionosondes, etc. (iii) Strengthen the vision and understanding of the importance of research in space science and its applications for the development of mankind. (iv) Create an opportunity for senior and young / students space scientists to interact and share knowledge in this field.

PARTICIPATION

Candidates from all countries that are members of the United Nations, UNESCO or IAEA may apply. However, applicants from the East African region will be given preference. As the School will be conducted in English, participants should have an adequate working knowledge of these languages. As a rule, travel and subsistence expenses of the participants are borne by the home institution. However, limited funds are available for some participants from, and working in, developing countries, to be selected by the organizers. Such financial support is available only for those who attend the entire activity. Every effort should be made by candidates to secure support for their fare (or at least half fare) from their home country. There is no registration fee to attend the Course.

HOW TO APPLY

The application form can be accessed at the: <http://agenda.ictp.it/smr.php?2631>
Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the online the application form **28 February 2014**. Recommendation letters are not mandatory, but may help you in the admission process.

Activity Secretariat at ICTP: e-mail: smr2631@ictp.it; phone: +39-040-22409911; fax: +39-040-22407911

Contact at UR-COSTECH; UR-COE, Kigali, Rwanda:
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Phone: +250784432839; + 250785517032

Course web page: <http://agenda.ictp.it/smr.php?2631>



Republic of Rwanda



MINISTRY OF EDUCATION



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College of Science and Technology



SCOSTEP
Scientific Committee on Solar-Terrestrial Physics



JSPS 日本学術振興会
Japan Society for the Promotion of Science



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APPLICATION DEADLINE

28 February 2014