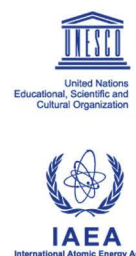




The Abdus Salam  
**International Centre  
for Theoretical Physics**  
50th Anniversary 1964 – 2014



## Conference on Open-Source Tools for Enhancing Teaching, Learning and Research in Science, Technology, Engineering and Mathematics (STEM)

**6-11 April 2014  
Tegucigalpa, Honduras**

The Abdus Salam International Centre for Theoretical Physics is organizing, in collaboration with the Universidad Nacional Autonoma de Honduras, a Conference on Open-Source Tools for Enhancing Teaching, Learning and Research in Science, Technology, Engineering and Mathematics (STEM) disciplines to be held in Tegucigalpa, Honduras from 6 to 11 April 2014.

### INTRODUCTION

A growing trend in educational institutions is the use of various electronic and other computer based aids as tools for enhancing the teaching and learning experience. From simple electronic aids such as presentation slides, web based learning management systems and more complex audio-video based learning/collaborative systems are now widely used in many scientific and academic environments.

This conference brings together scientists and educators with an aim on sharing experiences along-side practical demonstrations of various open-source tools/techniques for enhancing teaching, learning and research in the STEM disciplines.

### Topics of the workshop sessions:

- Introduction to e-learning
- Tools for enhancing course management.
- Tools for enhancing teaching
- Tools for enhancing collaborative learning
- Tools for enhancing grading (assignments, tests and examinations)
- Tools for enhancing practical laboratory work

### PARTICIPATION

This activity is aimed primarily at scientists, educators and other support staff that currently use or plan to deploy electronic or computer based tools/aids in supporting teaching, learning and research in a STEM discipline. Participants from all countries, which are members of the United Nations, UNESCO or IAEA, may attend the workshop, however, **since this is a regional activity, priority will be given to applicants coming from the region.**

As the School will be conducted in English, participants should have an adequate working knowledge of that language. Although the main purpose of the Centre is to help research workers from developing countries through a programme of training activities within a framework of international cooperation, a limited number of students from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants should be borne by their home institutions. Every effort should be made by candidates to secure support for their fare (or at least half fare). However, limited funds are available for some participants, who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only to those attending the entire activity. **There is no registration fee.**

### HOW TO APPLY

The online application form can be accessed at the activity website:  
[http://cdsagenda5.ictp.it/full\\_display.php?email=0&ida=a13367](http://cdsagenda5.ictp.it/full_display.php?email=0&ida=a13367)

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit online the application.

*Activity Secretariat at ICTP:*

e-mail: [smr2508@ictp.it](mailto:smr2508@ictp.it); phone: +39 040 2240 551 fax: +39 040 2240 7551

Conference web page: [http://cdsagenda5.ictp.it/full\\_display.php?email=0&ida=a13367](http://cdsagenda5.ictp.it/full_display.php?email=0&ida=a13367) ICTP Home Page: [www.ictp.it](http://www.ictp.it)

in collaboration with:



### DIRECTORS

**A. EUCEDA** (UNAH, Honduras)

**C. ONIME** (ICTP, ITALY)

**Application  
DEADLINE**

**28 February 2014**