



The Abdus Salam  
**International Centre  
for Theoretical Physics**  
www.ictp.it



## Asian Regional School on FPGA Design for Scientific Applications

**7 - 18 December 2015**  
**Jamshoro – Pakistan**

The Abdus Salam International Centre for Theoretical Physics (ICTP, Italy) and the Mehran University of Engineering and Technology (MUET, Pakistan), will jointly organize the *Asian Regional School on FPGA Design for Scientific Applications* to be held in Jamshoro, Pakistan, from 7 to 18 December 2015.

### PURPOSE OF THE SCHOOL

The school is intended as a hands-on training activity that will provide an opportunity for physicists, engineers and computer scientists to access new technologies and gain the necessary skills for designing and developing complete *high-performance systems for scientific applications* at low cost.

The practical sessions of the school will be based on FPGA platforms, IDE software tools and VHDL hardware description language.

The school will also introduce modern hybrid system-on-chip devices that combine the software programmability of general purpose processors with the hardware reconfigurability of FPGA.

It is expected to enhance the capabilities of researchers, teachers and advanced students from Asia who are seeking to exploit modern technologies for challenging scientific and academic purposes.

### PARTICIPATION

Scientists and students from Asian countries that are members of the United Nations, UNESCO or IAEA may apply to attend. As the School will be conducted in English participants should have an adequate working knowledge of it.

*There is no registration fee to attend the School.* As a rule, travel and subsistence expenses of the participants should be borne by the home institutions. However, participants who are nationals of, and working in a developing country, and who are not more than 45 years old, will be considered, upon request, for subsistence support and for travel support up to one-half the cost of international airfare. Such support is available only for those who attend the entire activity.

### HOW TO APPLY FOR PARTICIPATION

The application form can be accessed at the School website:  
<http://indico.ictp.it/event/a14228/>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit online the application form **not later than 31 August 2015**. Recommendation letters are not mandatory, but may help you in the admission process.

Secretariat: e-mail: [smr2689@ictp.it](mailto:smr2689@ictp.it) phone: +39-040-22409911 fax: +39-040-2240-7911  
School's web page: <http://indico.ictp.it/event/a14228/> ICTP Home Page: [www.ictp.it](http://www.ictp.it)



### DIRECTORS

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### LOCAL ORGANIZERS

**Bhawani Shakar Chowdhry**  
*MUET, Pakistan*

**Tayab Din Memon**  
*MUET, Pakistan*

**APPLICATION  
DEADLINE**

**31 August 2015**

