## The Abdus Salam
# International Centre for Theoretical Physics

UNESCO
United Nations
Educational, Scientific and
Cultural Organization

IAEA
International Atomic Energy Agency

## ICTP-ITU
## School on Wireless ICT Low Cost solutions in Developing Countries: best practices
### *to be followed by*
## 2nd Awareness Workshop on Relevance of Low Cost Wireless ICT solutions for development

## 16 February - 6 March 2009
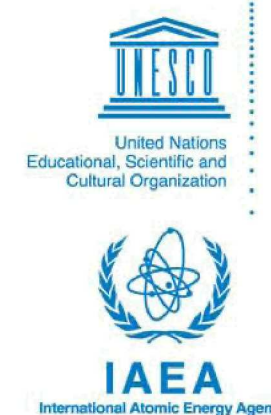
ICTP, Miramare - Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) is organizing a School on "Wireless ICT Low Cost solutions in Developing Countries: best practices", to be followed by the "2nd Awareness Workshop on Relevance of Low Cost Wireless ICT solutions for development", to be held from 16 February to 6 March 2009, in Trieste, Italy.

### DIRECTORS
Prof. Sandro M. Radicella (Head, Aeronomy and Radiopropagation Laboratory - ICTP)
Prof. Ryszard Struzak (National Institute of Telecommunications of Poland)
Dr. Mario Maniewicz (International Telecommunication Union, Telecommunication Development Sector)

### PURPOSE AND NATURE
The School is addressed to a limited number of candidates coming from academic and research institutions of Developing Countries and having an adequate working knowledge of IP networking. It will include tutorial lectures and laboratory work, where wireless solutions will be experienced through hands-on-sessions.
The Laboratory work will be dedicated to practical exercises and demonstrations on:

- Basics of wireless networking with Wi-Fi/WiMax technologies
- Wireless Sensor Networks
- Low-cost wireless laboratories

### AWARENESS WORKSHOP
In the Awareness Workshop, international experts and policy makers from LDC countries will joint the school participants to discuss the most advanced and cost-effective low cost wireless technologies available to help the educational, scientific, social and economic development of Least Developed Countries.

### PARTICIPATION
Scientists and students from all countries that are members of the UN, UNESCO or IAEA may attend the School. The main purpose of the ICTP is to help researchers from developing countries through a programme of training activities within the framework of international cooperation. However, students and post-doctoral scientists from developed countries are also welcome to attend. As the School will be conducted in English, participants should have an adequate working knowledge of that language. Preference will be given to candidates that did not attend similar activities previously organized by ICTP.

**As a rule, travel and subsistence expenses of the participants are borne by their home institutions. However, limited funds are available for some participants from, and working in, developing countries, not more than 45 years of age, 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 School.**

**The closing date for the receipt of requests for participation is 3 November 2008.**

Interested Participants should fill in and submit the **Online Application Form** that can be found at: **http://agenda.ictp.it/smr.php?2020**. Kindly also attach a Curriculum Vitae (for junior applicants a recommendation letter from their supervisor is also requested). Please upload all file attachments in PDF format.

**School on Wireless ICT Low Cost Solutions in Developing Countries**
**the Abdus Salam International Centre for Theoretical Physics**
(SMR 2020 c/o Ms. K. Mabilo)
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Trieste, August 2008