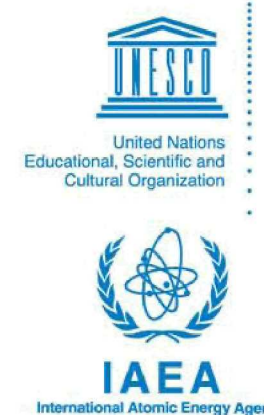




**The Abdus Salam  
International Centre for Theoretical Physics**



**ICTP-ITU**

**School on New Perspectives in Wireless  
Networking Applications**

*to be followed by*

**Relevance of Low Cost Wireless ICT Solutions  
for Development: an Awareness Workshop**

**11 February - 5 March 2008**

**ICTP, Miramare - Trieste, Italy**

The Abdus Salam International Centre for Theoretical Physics (ICTP) is organizing a School on "New Perspectives in Wireless Networking Applications", to be followed by "Relevance of Low Cost Wireless ICT Solutions for Development: an Awareness Workshop" from 11 February to 5 March 2008.

**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
- Powering remote sites

**AWARENESS WORKSHOP**

In the Awareness Workshop participants and international experts will discuss the most advanced and cost-effective low cost wireless technology 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 5 November 2007.**

The **Request for Participation Form** is obtainable from the ICTP WWW Server:

<http://agenda.ictp.it/smr.php?1933>

The completed Request Form should be signed and sent to:

**School on New Perspectives in Wireless Networking Applications  
the Abdus Salam International Centre for Theoretical Physics**

(SMR 1933, c/o Ms. K. Mabilo)

Strada Costiera 11

I-34014 Trieste, Italy

**Telephone: +39-040-2240-455 - Telefax: +39-040-2240-490**

**E-mail: [smr1933@ictp.it](mailto:smr1933@ictp.it) (please save and send file attachments in PDF)**

**ICTP Home Page: <http://www.ictp.it/>**

Trieste, September 2007

**MAIN TOPICS**

**Wireless Network Architecture  
Antennas for WiFi: theory, building,  
installation and measurements**

**Planning, design and implementation  
of radio links**

**Long Distance Wireless Links**

**Remote sites powering issues**

**Wireless Sensor Networks**

**Economic, Financial and Regulatory  
aspects of wireless networks**

**LOCAL ORGANIZER**

**S.M. Radicella (ICTP)**

**DEADLINE FOR RECEIPT OF  
APPLICATIONS:**

**5 November 2007**

**School home page:  
<http://wireless.ictp.it>**