

## Workshop on

# Nuclear Data for Activation Analysis

**7 - 18 March 2005**  
(Miramare - Trieste, Italy)

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste - Italy) in cooperation with the International Atomic Energy Agency (IAEA, Vienna - Austria), is organising a "Workshop on Nuclear Data for Activation Analysis", to be held at the ICTP in Trieste from 7 to 18 March 2005.

The Workshop is part of the series that addresses the use of nuclear data in practical applications of nuclear techniques in various fields of scientific research, societal and industrial applications. It represents a unique forum where scientists and engineers can get extensive and up-to-date information on the whole 'know-how', from the theoretical models to the practical details of the applications.

The objective of the Workshop is to present the theoretical background of neutron activation analysis and the current status of nuclear data for different variants of the technique, identify open issues and lay foundations for possible activities carried out under the auspices of the Agency to remedy the deficiencies. In the process, scientists and engineers from both developing and developed countries will receive training on the use of the method through practical exercises using dedicated software tools.

Scientists and engineers from all countries that are members of the UN, UNESCO or IAEA can attend the Workshop. They should hold a university degree in nuclear physics, nuclear engineering chemistry or related subjects and preferably have several years of professional experience in activation analysis. As the activity will be conducted in English, participants should have an adequate working knowledge of this language. Although the main purpose of the Centre is to help scientists from developing countries, graduate students and post-doctoral scientists from developed countries would equally benefit from the Workshop and are encouraged to apply.

As a rule, travel and subsistence expenses of the participants should be covered by their home institutions. 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, to be selected by the Organizers. Travel expenses will be granted only in exceptional cases. Every effort should be made by candidates to secure support for their fare (or at least half-fare) from their home country. It is stressed that participants whose travel expenses are paid by ICTP are required to attend the entire course. There is no registration fee for attending the Workshop.

Application forms for the Workshop can be found on the Web server of ICTP at:

<http://www.ictp.trieste.it/> (Scientific Calendar 2005),

-or- <http://agenda.ictp.trieste.it/agenda/current/fullagenda.php?email=0&ida=a04183>

while background information on the IAEA Nuclear Data Section is available from:

<http://www-nds.iaea.org/>.

**The closing date for receipt of applications for participation is 17 November 2004.**

Please complete and sign the application form and send it by mail to:

**Workshop on  
Nuclear Data for Activation Analysis**  
(c/o Elizabeth Brancaccio)  
the Abdus Salam International Centre for Theoretical Physics  
Strada Costiera 11  
34014 Trieste, Italy

**If sending an application by e-mail: [smr1648@ictp.trieste.it](mailto:smr1648@ictp.trieste.it)**  
(please save and send file attachments in RTF format)

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*in cooperation with*

International Atomic Energy Agency

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**Application deadline**

**17 November 2004**

