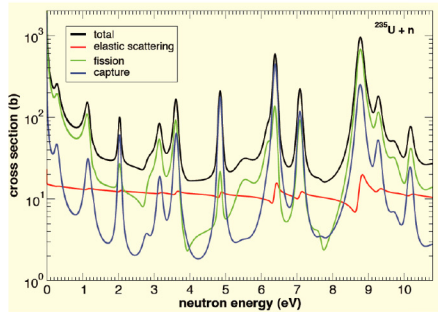




The Abdus Salam
International Centre
for Theoretical Physics
www.ictp.it



Joint ICTP-IAEA School on "Nuclear Data Measurements for Science and Applications" 19 - 30 October 2015 ICTP - 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 School on "Nuclear Data Measurements for Science and Applications" in collaboration with n_TOF/CERN, to be held at the ICTP in Trieste from 19 to 30 October 2015.

The School aims to introduce and deliver concise and the most recent information on nuclear data measurements required both for fundamental research and various applications. The lectures will cover the experimental techniques associated with the use of neutron beams, relevant instrumentation, data taking and analysis approaches prior to the data evaluations and theoretical interpretation. They will cover a number of existing or new neutron sources/facilities, both research reactor or accelerator based, just to mention a few: n_TOF at CERN, LANSCE at LANL, GELINA at IRMM/JRC, J-PARC at JAEA, BNC in Hungary, HFR at ILL, SNS at ORNL, NFS at GANIL and some others. Most of them propose very ambitious nuclear data measurement projects either exclusively or as part of their broader utilization programmes and strategies. The school will also give an opportunity for participants to experience the virtual experiments and measurement techniques from various case studies of nuclear data measurements and analysis methodologies. The school will gather experts and students from all over the world and thus will build a unique forum in order to share of experience and good practices will foster closer cooperation and help build partnerships among different experimental facilities and teams.

Please see also recently published "Compendium of Neutron Beam Facilities for High Precision Nuclear Data Measurements", [IAEA-TECDOC-1743](http://www.iaea.org/tecdoc/1743) (2014).

Award for "Best Poster Presentations"

The organizers believe that clarity and quality are crucial when presenting scientific results to ours or other communities. Therefore, it has been decided to confer awards in recognition of the three *best poster presentations*, corresponding to cash prizes and certificates for 1st, 2nd and 3rd place, respectively. These awards are sponsored by the University of Seville through the EU project "NeutAndalus: boosting interdisciplinary neutron science in Spain and Europe" (http://cordis.europa.eu/project/rcn/107145_en.html)

PARTICIPATION

Scientists and engineers from all countries that are members of the UN, UNESCO or IAEA can attend this School. They should hold a university degree in nuclear physics, nuclear engineering, chemistry or related fields and preferably have a few years of professional experience in the nuclear data measurements. 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. **Registration is free-of-charge for all attendees.**

APPLICATION:

The "On-line Application" form can be accessed at:
ICTP activity website: <http://indico.ictp.it/event/a14288/>
inclusive of a **step-by-step "how to apply" instruction guide.**
(Please save and upload file attachments in either: **RTF format, .doc or .pdf**)

Activity Secretariat: L. Iannitti
Telephone: +39-040-2240227, email: iannitti@ictp.it
E-mail: smr2741@ictp.it
ICTP Home Page: <http://www.ictp.it/>
IAEA Home Page: <http://www.iaea.org/>



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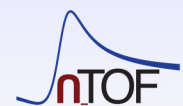


EU NeutAndalus
(University of Seville) Project

In cooperation with
IAEA
International Atomic
Energy Agency



and



n_TOF/CERN
The European Organization
for Nuclear Research



DIRECTORS:

S. SIMAKOV and
D. RIDIKAS
(IAEA, Vienna, Austria)

LOCAL ORGANIZER:

J. NIEMELA
(ICTP, Trieste, Italy)

DEADLINE
7 August 2015

