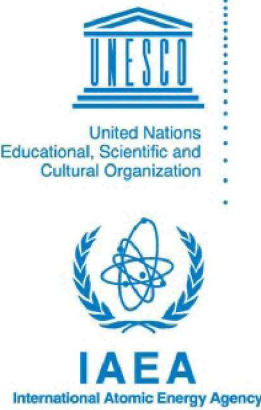




The Abdus Salam
International Centre for Theoretical Physics



Joint ICTP-IAEA Workshop on

Nuclear Structure and Decay Data: Theory and Evaluation

28 April - 9 May 2008

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 organizing a workshop on “Nuclear Structure and Decay Data: Theory and Evaluation” to be held at ICTP in Trieste from 28 April - 9 May 2008.

The Workshop constitutes a unique opportunity for scientists to gain extensive and up-to-date training on the evaluation of nuclear structure and decay data, as developed to produce the Evaluated Nuclear Structure Data File (ENSDF) and *Nuclear Data Sheets* for use and adoption by the nuclear physics community. Reliable evaluated nuclear structure and decay data are of vital importance in a large number of energy and non-energy based applications such as power generation, materials analysis, dosimetry and medical diagnostics, as well as basic nuclear physics and astrophysics. Important features of these needs are satisfied by the work undertaken by the International Network of Nuclear Structure and Decay Data (NSDD) Evaluators. The main products of this worldwide network are the recommended data files and evaluated decay data.

Scientists from all countries that are members of the United Nations, UNESCO or IAEA may attend the Workshop. They should hold an advanced degree in nuclear physics or related subjects, and preferably possess several years of professional experience in nuclear physics related to nuclear structure and decay data. Students will also be given the opportunity to give a short presentation of their own technical work at the workshop. Although the main purpose of ICTP is to help scientists from developing nations through a programme of training activities within a framework of international cooperation, applicants from developed countries are also welcome to attend. As this activity will be conducted in English, participants must have an adequate working knowledge of this language.

As a rule, travel and subsistence expenses for participants should be borne by their home institutions. However, limited funds will be available to support **some** participants, who are nationals of, and working in, a developing country. Such financial support will be available only to those who attend the entire activity. Thus, every effort should be made by candidates to secure support for their fare from their home countries. No registration fee is associated with attendance at the Workshop.

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

<http://agenda.ictp.it/smr.php?1939>

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 30 November 2007.

Those wishing to participate should fully complete and sign the “Request for Participation” form available from the ICTP WWW server and send by mail or fax (+39-040-224163), or e-mail to:

Nuclear Structure and Decay Data:

Theory and Evaluation

(c/o Marina de Comelli)

the Abdus Salam International Centre for Theoretical Physics

Strada Costiera 11

34014 Trieste, Italy

If sending an application by e-mail, kindly send to: smr1939@ictp.it

(please save and send file in one of the following formats: PDF (preferably), RTF zipped or DOC)

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in cooperation with
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co-sponsored also by
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Application deadline
30 November 2007