

WONDER 2006

Second Announcement

Workshop On Nuclear Data Evaluation for Reactor applications

organized by CEA and NEA

9 - 11 October, 2006

CEA Cadarache Château, Saint-Paul-Lez-Durance, France

Motivation and objectives

The main objective of the workshop is to review the current modelling and evaluation methods of nuclear data at low energy (thermal and resonance range) and to discuss possible areas of improvements.

Workshop topics

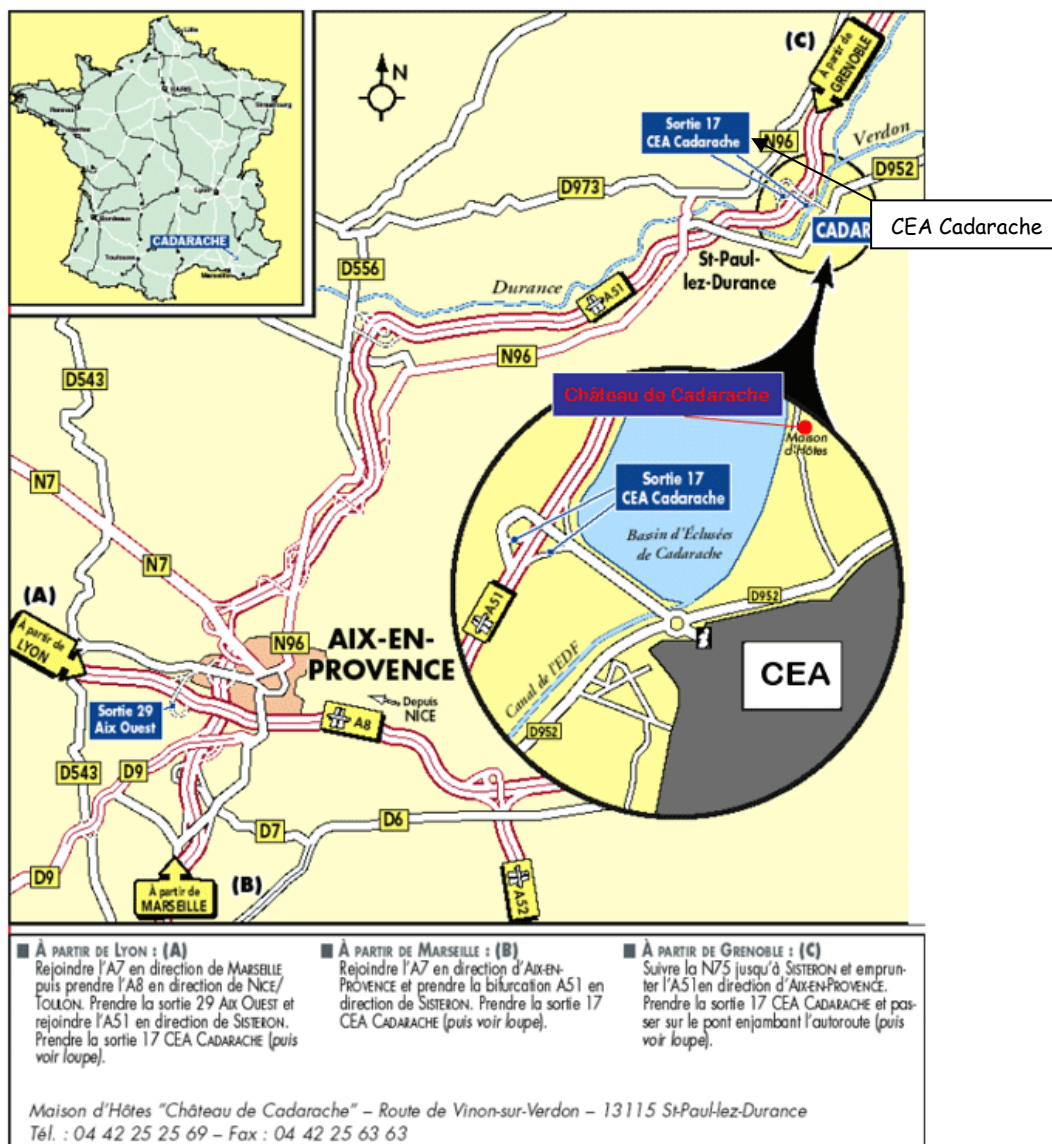
The workshop will cover the following topics:

- nuclear data measurements in the thermal and resonance ranges;
- theory, modelling and evaluation of nuclear data in the thermal, resolved and unresolved resonance ranges;
- evaluation of cross-section uncertainties and covariance matrices;
- ENDF format and processing ;
- status and development of evaluation codes in the resonance range.

Special emphasis will be placed on new ideas and perspectives. It is planned to have sessions with presentations of about forty minutes (including ten minutes discussions), and shorter talks (fifteen minutes and five minutes discussions).

Maps & directions

The workshop will be held at the CEA Cadarache Maison d'Hôtes (Château), located near the Cadarache research centre, 40 km north-east of Aix-en-Provence, 70 km from the Marseille-Marignane airport (<http://www.mrsairport.com/eng/index.jsp>).



Transportation

There is a public shuttle bus every 30 min from the airport to Aix-en-Provence downtown (the fare is about 8 euros), from where you can easily get to any hotel by Taxi.

During the three days of the workshop, CEA will provide bus transportation between the hotel in Aix en Provence and the Chateau of Cadarache.

Meals and accommodations

The participants will be responsible for their travel, lodging and food expenses, with the exception of the workshop lunches and coffee breaks, which will be provided by CEA at no cost to the participants. A few hotel rooms have been provisionally booked

- at the Cadarache Château : 58 euros per night including breakfast . The reservation must be made via the workshop secretariat (see below)

or

- at the following hotels in Aix-en-Provence :
 - **MERCURE CEZANNE ***** Tel: +33 04 42 91 11 11 - Fax : 33 (0)4 42 91 11 10
40, avenue Victor Hugo
95 euros+ 13 euros breakfast
 - **AQUABELLA***** Tel :+ 33 04 42 99 15 00 - Fax : 33 (0)4 42 99 15 01
2, rue des Etuves
90 euros + 13 euros breakfast
 - **LE MANOIR ***** Tel : 33 04 42 26 27 20 - Fax : 33 (0)4 42 27 17 97
8, rue Entrecasteaux
52-70 euros + 7 euros breakfast
 - **LA CARAVELLE***** Tel : +33 04 42 21 53 05 - Fax : 33 (0)4 42 96 55 46)
29, 31 boulevard du Roy René
65 euro, breakfast included

The workshop participants are asked to **make their room reservation ASAP (before the summer, “CEZANNE Celebration Year” oblige) directly with their preferred hotel quoting WONDER 2006**. Ask for the special CEA workshop rate when making your reservation with one of the Aix-en-Provence hotels above.

For a more detailed list of hotels available in/near Aix-en-Provence, maps, etc., see the following web sites:

<http://www.aixenprovencetourism.com/uk/aix-hotels.htm>

http://www.cybevasion.fr/hotels/france/hotels_aix-en-provence_4712.html

Instructions for registration

There will be no fee for participating in the workshop. However, **registration is mandatory and must be done before April 15th, 2006 from the following web site:**

<http://www.nea.fr/html/science/meetings/WONDER/>

Abstract and Proceedings

An abstract in free format (1 page maximum) should be sent by e-mail to the workshop secretariat (genevieve.arroyo@cea.fr) before June 15th 2006. For the final proceedings, the participants may either write a formal paper (6 pages maximum in a free format) or merely propose their presentation slides. These documents are required for the date of the workshop : October 9th.

Organization

The following CEA division and laboratories contribute to the organization of the workshop:

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|--|--------------------------------|
| ➤ <i>Commissariat à l'Energie Atomique</i> | Fench Atomic Energy Commission |
| ➤ <i>Direction de l'énergie nucléaire</i> | Nuclear Energy Directorate |
| ➤ <i>Département d'études des réacteurs</i> | Reactor Studies Department |
| ➤ <i>Service de physique des réacteurs et du cycle</i> | Reactor and Fuel Cycle Physics |
| ➤ <i>Laboratoire d'études de physique</i> | Physics Studies Laboratory |

Organization committee:

- Olivier Bouland
- Arnaud Courcelle
- Cyrille De Saint Jean
- Robert Jacqmin
- Gilles Noguère
- Jean Michel Ruggieri
- Olivier Serot
- Jean-Christophe Sublet

Workshop co-organization:

OECD Nuclear Energy Agency (NEA) Data Bank
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Workshop Secretariat

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