



## Workshop on Nuclear Structure and Decay Data: Theory and Evaluation

Organizer(s): A.L. Nichols (IAEA); A. Ventura (ENEA); J.K. Tuli (BNL); C. Tuniz (ICTP Local Organizer)  
Trieste - Italy, 20 February 2006 - 3 March 2006  
AGH (Giambiagi LH)

### Programme

**Monday, 20 February 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**20 February 2006**

- 08:30 - 09:30** (Room: Adriatico Guest House (Lower Level 1))  
--- REGISTRATION Desk - Outside Giambiagi Lecture Room ---
- 10:30 - 11:30** **Jagdish Tuli / NNDC, BNL**  
**Introduction:aims of workshop; general features of NSDD**
- 11:30 - 12:30** **Alan Nichols / IAEA-NDS**  
**IAEA - NSDD Network; recent relevant CRPs and other activities**
- 12:30 - 14:00** --- Lunch break ---
- 14:00 - 15:30** **Johannes Grassberger, Kevin McLaughlin / The Abdus Salam I.C.T.P.; IAEA-NDS**  
**Introduction: ICTP computer facilities**
- 15:30 - 16:00** --- Coffee break ---
- 16:00 - 17:30** **Alan Nichols/ Tom Burrows / NNDC, BNL; IAEA-NDS/ Brookhaven National Laboratory (BNL)**  
**Introduction: Web + NuDat**

**Tuesday, 21 February 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**21 February 2006**

09:00 - 10:30 **Piet Van Isacker / GANIL**  
Theory

10:30 - 11:00 --- Coffee break ---

11:00 - 12:30 **Jagdish Tuli / NNDC, BNL**  
ENSDF format + model exercise

12:30 - 14:00 --- Lunch break ---

14:00 - 15:30 **Thomas Burrows / NNDC, BNL**  
Bibliographic databases and ENSDF programmms

15:30 - 16:00 --- Coffee break ---

16:00 - 17:30 **Students\' presentations 10-15 Students mins.each (6 or 7)**

**Wednesday, 22 February 2006 (Room:Adriatico Guest House Giambiagi Lecture Hall)**

**22 February 2006**

09:00 - 10:30 **Piet Van Isacker / GANIL**  
Theory

10:30 - 11:00 --- Coffee break ---

11:00 - 12:30 **Jagdish Tuli / NNDC, BNL**  
ENSDF - evaluation policies

12:30 - 14:00 --- Lunch break ---

14:00 - 15:30 **Thomas Burrows / NNDC, BNL**  
ENSDF programs + model exercise

15:30 - 16:00 --- Coffee break ---

16:00 - 17:30 **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
Workshop activities

**Thursday, 23 February 2006 (Room:Adriatico Guest House Giambiagi Lecture Hall)**

**23 February 2006**

09:00 - 10:30 **Filip Kondev / Argonne National Laboratory**  
Experimental techniques

10:30 - 11:00 --- Coffee break ---

11:00 - 11:00 **Edgardo Browne Moreno / LBNL**  
ENSDF - decay

11:00 - 12:30 --- Lunch break ---

- 12:30 - 14:00**     **Coral Baglin / LBNL**  
**ENSDF - reaction**
- 14:00 - 14:30**     --- Coffee break ---
- 14:30 - 16:00**     **Students\' presentations 10-15 Students mins.each (6 or 7)**

**Friday, 24 February 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**24 February 2006**

- 09:00 - 10:30**     **Filip Kondev / Argonne National Laboratory**  
**Experimental techniques**
- 10:30 - 11:00**     --- Coffee break ---
- 11:00 - 12:30**     **Edgardo Browne Moreno / LBNL**  
**Model exercise - decay**
- 12:30 - 14:00**     --- Lunch ---

**Monday, 27 February 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**27 February 2006**

- 09:00 - 10:30**     **Yogendra Gambhir / Indian Institute of Technology**  
**Theory**
- 10:30 - 11:00**     --- Coffee break ---
- 11:00 - 12:30**     **Coral Baglin / LBNL**  
**Model exercise - reaction**
- 12:30 - 14:00**     --- Lunch break ---
- 14:00 - 15:30**     **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC,**  
*BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS*  
**Workshop activities**
- 15:30 - 16:00**     --- Coffee break ---
- 16:00 - 17:30**     **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC,**  
*BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS*  
**Workshop activities**

**Tuesday, 28 February 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**28 February 2006**

- 09:00 - 10:30**     **Yogendra Gambhir / Indian Institute of Technology**  
**Theory**
- 10:30 - 11:00**     --- Coffee break ---

- 11:00 - 12:30**      **Coral Baglin / LBNL**  
**ENSDF - adopted**
- 12:30 - 14:00**      --- Lunch break ---
- 14:00 - 15:30**      **Coral Baglin / LBNL**  
**Model exercise - adopted**
- 15:30 - 16:00**      --- Coffee break ---
- 16:00 - 17:30**      **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**

**Wednesday, 1 March 2006 (Room:Adriatico Guest House Giambiagi Lecture Hall)**

**1 March 2006**

- 09:00 - 10:30**      **Tibor Kibedi / Australian National University (ANU)**  
**Experimental techniques**
- 10:30 - 11:00**      --- Coffee break ---
- 11:00 - 12:30**      **Desmond MacMahon / NPL**  
**Data analyses**
- 12:30 - 14:00**      --- Lunch break ---
- 14:00 - 15:30**      **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**
- 15:30 - 16:00**      --- Coffee break ---
- 16:00 - 17:30**      **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**

**Thursday, 2 March 2006 (Room:Adriatico Guest House Giambiagi Lecture Hall)**

**2 March 2006**

- 09:00 - 10:30**      **Tibor Kibedi / ANU**  
**Other data considerations**
- 10:30 - 11:00**      --- Coffee break ---
- 11:00 - 12:30**      **Desmond MacMahon / NPL**  
**Data analyses**
- 12:30 - 14:00**      --- Lunch break ---
- 14:00 - 15:30**      **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**

**15:30 - 16:00** --- Coffee break ---

**16:00 - 17:30** **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**

**Friday, 3 March 2006** (Room:Adriatico Guest House Giambiagi Lecture Hall)

**3 March 2006**

**09:00 - 10:30** **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**

**10:30 - 11:00** --- Coffee break ---

**11:00 - 12:30** **Edgardo Browne Moreno; Thomas Burrows; Jagdish Tuli; Alan Nichols / LBNL; NNDC; NNDC, BNL; IAEA-NDS**  
**Review of Workshop**

**12:30 - 14:00** --- Lunch break ---

**14:00 - 15:30** **Jagdish Tuli; Thomas Burrows; Coral Baglin; Edgardo Browne Moreno; Kevin McLaughlin / NNDC, BNL; NNDC, BNL; LBNL; LBNL; IAEA-NDS**  
**Workshop activities**