

Provisional Agenda for 2005 IAEA-NSDD Meeting
(As of May 27, 2005)
6-10 June 2005, McMaster University, Hamilton, Canada

All sessions will be held in conference room A-114, JHE Building, Mc Master University

MONDAY, 6 June 2005

08:30-09:00 Arrival

09:00-09:30 Introduction

- Welcome remarks
Peter Sutherland: Dean of Science and Professor of Physics
Jim Waddington (McMaster)
Alan Nichols (IAEA)
- Remarks by the organizer (B. Singh)
- Meeting Chairman
- Adoption of Agenda (Chairman)

09:30-10:00 Presentation:

- Future Directions in Experimental Nuclear Structure Physics – Jim Waddington (McMaster)

10:00-10:30 Technical Discussions (see list below)

10:30-11:00 *Coffee Break*

11:00-17:30 Technical Discussions (see list below)

(12:30-14:00 *Lunch*)

(15:30-16:00 *Coffee Break*)

17:30-19:00 *Reception* (Skylight room in Commons Building, McMaster Univ.)

TUESDAY, 7 June 2005

09:00-09:50 Presentation:

- Single- and two-particle transfer reactions including inverse kinematics – Dennis Burke (McMaster)

09:50-17:30 Technical Discussions (see list below)

(10:30-11:00 *Coffee Break*)

(12:30-14:00 *Lunch*)

(15:30-16:00 *Coffee Break*)

Technical Discussions - Monday: 10:00-17:30 and Tuesday: 09:40-17:30

Discussion topics – leaders:

note: order of topics may change at the meeting; persons named against each topic will lead the discussion, and not necessarily make a formal presentation

ENSDF format and evaluation philosophy/policies: Jagdish Tuli (BNL)	60 mins
Internal conversion coefficients BrIcc: Tibor Kibedi (ANU)	120 mins
NNDC web services: Boris Pritychenko (BNL)	45 mins
Nuclear Science References: Dave Winchell (BNL)	30 mins
ENSDF database: Dave Winchell (BNL)	30 mins
Radioactive decay data evaluations: M-M Bé (Saclay)	45 mins
Evaluation of reaction data – mainly high-spin: Balraj Singh (McMaster)	30 mins
Adopted data: Coral Baglin (LBNL)	30 mins
Band structures and nomenclature in ENSDF: Filip Kondev (ANL)	30 mins
Transition Data Evaluation: David Kulp (Georgia Tech.)	20 mins
ENSDF evaluation tools: Alejandro Sonzogni (BNL)	30 mins
ENSDF analysis programs: Tom Burrows (BNL)	60 mins
Other topics ?	

General Discussions (all)

WEDNESDAY, 8 June 2005

09:00-09:30 Actions from Previous Meetings

09:30-10:30 Reports by Evaluation Centres

NSDD activities and ENSDF evaluators' reports (all centres – 5-10 mins each)

NNDC
IAEA-NDS
ORNL
LBNL
TUNL
ANL

10:30-11:00 *Coffee Break*

11:00-12:30 Reports by Evaluation Centres (*cont.*)

NSDD activities and ENSDF evaluators' reports (all centres – 5-10 mins each)

McMaster
St Petersburg
CEN
Gent University
JAERI
Institute of Atomic Energy, China
Jilin University
Nuclear Data Project, Kuwait

12:30-14:00 *Lunch*

14:00-15:00 Reports by Evaluation Centres (*cont.*)

NSDD activities and ENSDF evaluators' reports (all centres – 5-10 mins each)

ANU
Others:
Ashok Jain, Mohini Gupta, Gopal Mukerjee, Guillermo Marti, Vito Vanin

15:00-15:30 Administrative and Technical Items

- Report on the US Nuclear Data Program (Pavel Oblozinsky, BNL)

15:30-23:00 *Excursion to Niagara Falls* – about 90 km from McMaster University

THURSDAY, 9 June 2005

09:00-10:30 Administrative and Technical Items (*cont.*)

- NSDD Network document INDC(NDS)-421, Rev. 1 (A. L. Nichols, IAEA)
- Report on the IAEA Nuclear Data Programme (Alan Nichols, IAEA)
 - ICTP-IAEA workshops on NSDD, November 2003 and April 2005
 - Consideration of future ICTP-IAEA workshop agenda
 - IAEA research contracts in support of new ENSDF evaluators
- New evaluation centres/new evaluators (Jagdish Tuli, BNL)

- Training of new evaluators (Balraj Singh (McMaster) and others)

Organizational Review (Jagdish Tuli, BNL):

- Activities, priorities and manpower
 - Summary of ENSDF evaluation status and activities in 2004-2005
 - Revision of NSDD membership
 - Estimated manpower of each centre for future ENSDF evaluations
 - Future evaluations: priorities
- Re-definition of responsibilities of current groups
- Preliminary mass assignments to new groups

10:30-11:00 Coffee Break

11:00-12:30 Horizontal Evaluations, including Needs and Plans

- nuclear moments – Nick Stone (Oxford)
- electric monopole strength – Dave Kulp (Georgia Tech)/Tibor Kibedi (ANU)
- atomic masses – Jean Blachot (Grenoble)
- capture gammas – Rick Firestone (LBNL)
- Nuclear K-isomers and Multi-quasiparticle bands – Filip Kondev (ANL)/Tibor Kibedi (ANU)
- Super-deformed (SD) structures, magnetic-dipole bands, 3qp structures – Balraj Singh (McMaster)/Ashok Jain (IIT, Roorkee)
- Others

12:30-13:30 Lunch

13:30-14:30 Horizontal Evaluations, including Needs and Plans (cont.)

See above

14:30-15:30 NSDD: Other Items

- XUNDL (Balraj Singh/Joel Roediger, McMaster)
- Quality and completeness of ENSDF (Jagdish Tuli, BNL)
- Others

15:30-16:00 Coffee Break

16:00-17:30 ENSDF Customer Services

Dissemination of ENSDF, publications and services (Jagdish Tuli, BNL)

- MIRD (Tom Burrows, BNL)
- User-oriented database: NuDat (Alejandro Sonzogni, BNL)
- Nuclear Wallet Cards
- Table of Nuclides

19:00-22:00 Banquet – University Club

FRIDAY, 10 June 2005

09:00-10:30 Conclusions and Recommendations

Adoption of recommendations and actions

10:30-11:00 *Coffee break*

11:00-12:30 Conclusions and Recommendations (cont.)

NSDD chairman

Next meeting

12:30 *Adjournment*