



IAEA's 3rd Research Co-ordination Meeting (RCM) on

Nuclear Data Libraries for Advanced Systems – Fusion Devices (FENDL 3.0)

Room F0817, IAEA Headquarters, Vienna, Austria

6 – 9 December 2011

AGENDA

Tuesday, 6 December

08:30 - 09:30 Registration (IAEA Registration desk, Gate 1)

09:30 - 10:30 Opening Session

- Welcoming address R.A. Forrest
- Election of Chairman and Rapporteur
- Acceptance of Agenda
- *Status of FENDL-3 and the future* R.A. Forrest

10:30 – 11:00 Break for administrative matters

11:00 – 12:30 Presentations (approx. 30' each)

- *Application of the FENDL-3 Test Data Library to IFMIF* U. Fischer
- *Plans for validation and general observations* M. Sawan
- *Benchmark test with OKTAVIAN data and comment on kerma factor* Y. Watanabe

12:30 - 14:00 Lunch break

14:00 - 17:30 Presentations - cont'd

- *Data Compilation for Neutron Library (SLIB2)* S. Kunieda
- *Activities on FENDL-3 at JSI* A. Trkov
- *ENDF/B-VII.1 upgrade - relevance to FENDL-3* T. Kawano
- *TENDL for FENDL-3* A. Koning
- *Resonance Evaluation for FENDL-3 at ORNL* L. Leal
- *(n,α) Cross Section Evaluation with Clustering Pre-equilibrium Model* S. Kunieda

(Coffee break as appropriate)

Wednesday, 7 December

9:00 - 12:30 Presentations - cont'd

- *Neutron, Proton, Deuteron activation-transmutation files: n,p,d-FENDL-3/A* J-C. Sublet
- *Extension of integral validation tools* J. Kopecky

Presentations - cont'd

- *Contribution to the experimental activation cross section database of proton and deuteron induced reactions* F. Tarkanyi
- *Theoretical analysis of the deuteron-induced activation at low and medium energies* M. Avrigeanu
- *Phenomenological systematics of the (d,p) cross sections* A. Ignatyuk
- *Processing of FENDL-3* R. Capote

(Coffee break as appropriate)

12:30 - 14:00 Lunch break

14:00 - 17:30 Discussions on FENDL-3

- *General purpose library*
- *Activation library*
- *Processing*
- *Covariances*
- *FENDL-3 library*
- *Final Report*
- *Future Work*

(Coffee break as appropriate)

19:00 Social event – Restaurant Purstner

Thursday, 8 December

9:00 - 12:30 Discussions - cont'd

(Coffee break as appropriate)

12:30 - 14:00 Lunch break

14:00 - 17:30 Discussions - cont'd

(Coffee break as appropriate)

Friday, 9 December

9:00 - 12:30 Discussions - cont'd

(Coffee break as appropriate)

12:30 – 13:30 Lunch break

13:30 – 15:00 Report Summary

15:00 Closing