

Technical Meeting on
***Long-term International Collaboration to Improve Nuclear
Data Evaluation and Evaluated Data Files***

IAEA Headquarters, Vienna, Austria
18-21 December 2017
Meeting Room VIC C0343

Preliminary AGENDA

Monday, 18 December

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

09:30 - 10:00 **Opening Session**

Welcoming address – Arjan Koning, SH-NDS

Introduction – R. Capote, NDDU/NDS

Election of Chairman and Rapporteur

Adoption of Agenda

Administrative matters

10:00 - 13:00 **Presentations by participants** (~30 min /~7 min discussion each)

1. *CIELO iron evaluation - lessons learned and vision of CIELO's future*, M.W. Herman
2. *Benchmarking of the latest Neutron and Gamma Transport Cross Sections for Oxygen, Iron and Uranium in the clean Benchmarks driven by D-T and ²⁵²Cf sources*, S. Simakov

Coffee breaks as needed in between

13:00 – 14:30 **Lunch**

14:30 – 18:00 **Presentations by participants (cont'd)**

3. *(remote) Comments on CIELO project and future work*, M.B. Chadwick
4. *Possible improvements in the neutron cross section evaluation*, V.G. Pronyaev
5. *Lessons learned from recent evaluations and experimental needs*, R. Capote

Coffee breaks as needed in between

Tuesday, 19 December

09:00 - 13:00 Presentations by participants (cont'd)

1. *Foreseen experimental activities at CNRS-IN2P3 related to nuclear energy researches (2018-2021 and beyond)*, M. Kerveno
2. *Recent AMS measurements on neutron-induced reactions + outlook*, A. Wallner
3. *Comments on new RPI measurements*, Y. Danon
4. *^{57}Fe neutron inelastic scattering: The interplay between experiment and theory*, A. Negret
5. *JEFF-4, EU projects and JRC involvement*, A.J. Plompen

13:00 – 14:00 Lunch

14:00 – 18:00 Presentations by participants (cont'd) & Round table discussion

1. *Future CIELO activities at BNL*, D. Brown
2. *Comments and consideration for CIELO project*, Ge Zhigang
3. *Nuclear Evaluation Issues at LLNL*, I. Thompson
4. *Uncertainties for minor actinides*, A.V. Ignatyuk
5. *Improving reaction modeling*, E. Bauge
6. *Post-CIELO challenges in actinide evaluations*, R. Capote

Coffee breaks as needed in between

Wednesday, 20 December

09:00 - 13:00 Presentations by participants (cont'd) & Round table discussion

1. *Some of the progress made since WPEC SG 25*, A. Sonzogni
2. *Recommendations from CRP on beta-delayed neutron emission*, P. Dimitriou
3. *Plans for JENDL-5 evaluations*, O. Iwamoto
4. *Future Tools in Nuclear Data Evaluation and Envisaged Projects at TU Wien*, H. Leeb
5. *Monte Carlo Nuclear Data Adjustment via integral information*, D. Rochman
6. *Nuclear data demands for the neutronic design of MYRRHA facility*, A. Stankovsky
7. *On Cross Section Correlations, Uncertainty Reduction and Calibration from Integral Data*, A. Trkov
8. *Nuclear data and covariance needs for fission reactors and associated fuel cycles: an update*, M. Salvatores

Discussions on evaluation methodology and planned evaluations

13:00 – 14:00 Lunch

14:00 – 17:30 Round table discussion (cont'd)

Drafting of the Summary Report including Recommendations and Action List

Coffee breaks as needed in between

19:00 *Dinner at a restaurant (see separate information sheet)*

Thursday, 21 December

09:30 - 12:00 **Drafting of the Summary Report including Recommendations and
Action List (cont'd)**

12:00 **Closing of the meeting**

Coffee break as needed in between