

**Organisation for Economic Co-operation and Development
Nuclear Energy Agency**

WPEC SG39

“Methods and approaches to provide feedback from nuclear and covariance data
adjustment
for improvement of nuclear data files”

<p>Agenda</p> <p>NEA NEA Headquarters, Issy-les-Moulineaux May 19-20, 2015</p>
--

	<p>Tuesday, May 19, 2015</p> <p>NEA Room A</p>
14:00 - 14:15	Welcome, review of actions and introduction (O. CABELLOS, G. PALMIOTTI and M. SALVATORES)
14:15 - 15:00	Status of Deliverables, Kenji YOKOYAMA (and all for discussion) "1. Methodology" "2. Comments on covariance data."
15:00 - 15:30	“PROTEUS HCLWR Experiments”, Mathieu HURSIN
15:30 - 16:00	“Preliminary UQ Efforts for TWR Design”, Nicholas TOURAN
16:00 - 16:20	Coffee break
16:20 - 16:50	“Potential use of beta-eff and other benchmark for adjustment”, I. KODELI
16:50 - 17:30	“keff uncertainties for a simple case of Am241 using different codes and evaluated files”, I. KODELI, O. CABELLOS
	Information/discussion on: 1) U-238, Fe transmission RPI experiments G. Palmiotti 2) New isotopes to be considered in SG39. G. Palmiotti

Wednesday, May 20, 2015 NEA Room A	
09:00 - 09:50	“REWIND: Ranking Experiments by Weighting to Improve Nuclear Data”, G. PALMIOTTI
09:50 - 10:15	“Recent analysis on NUDUNA/MOCABA applications to reactor physics parameters”, E. CASTRO GONZALEZ, A. HOEFER, presented by O. CABELLOS
10:15 - 10:30	“INL exploratory study for SEG”, A. HUMMEL, M.SALVATORES
10:30 - 10:45	Coffee break
10:45 - 11:15	'The Development of Nuclear Data Adjustment Code at CNDC', H.WU
11:15 - 11:35	Review of pending actions: <ul style="list-style-type: none"> ✓ Sensitivity coefficients (MC vs deterministic + comments of potential issues with MC). State-of-the-art (KENO, SERPENT, MCNP6, TRIPOLI, etc.), recommendations. E. Ivanov (leader) + I.Kodeli + PSI. Draft by May 2015 ✓ Neutron propagation experiments (FNS, FNG, JANUS): S.Pelloni, I.Kodeli, others (Analysis volunteers are needed)?? Experiment for O-16 to be analysed (I.Kodeli) ✓ Oscillation experiments (STEK, SEG). Sensitivity profiles, C/E with associated uncertainties. What could be made available by NRG for STEK? (Da Cruz). INL exploratory study for SEG, other contribution? ERMINE experiments: CEA contributions? (A summary on these actions to be discussed at next meeting)
11:35 - 12:00	Future plans and next meeting
12:30 - 14:00	Lunch break

Wednesday , May 20, 2015 NEA Room A+B	
14:00 - 18:00	Joint Session SG38 + SG39 (Nuclear Data Adjustment) + SG40 (CIELO)
14:00 - 14:20	SG38: “Overview of proposed new format, its similarities and differences compared to ENDF-6”, Dave Brown
14:20 - 14:40	SG38: “Detailed view of how covariances and uncertainties are handled in the proposed new format”, Caleb Mattoon
14:40 - 15:00	SG39: “Future plans for SG39”, G. Palmiotti, M. Salvatores
15:00 - 15:20	SG39: “Summary of first 2 SG39 deliverables”, K. Yokoyama
15:20 - 15:40	Coffee Break
15:40 - 16:00	SG40: “Perspectives on progress and future of CIELO”, M. Chadwick
16:00 - 16:20	SG40:” Progress in CIELO on resonance range evaluations: Fe56, U235,238 and Pu239”, L. Leal
16:20 - 16:40	“Development of a new Nuclear Data Evaluation Cycle at NEA Data Bank”, C.J.Diez
16:40 - 17:00	“Using Sensitivity Data in DICE to identify CIELO benchmarks, and the Nuclear Data and Sensitivity Testing Tool”, I. Hill
17:00 - 18:00	Feedback and discussion
18:00	Adjourn

WPEC SG39 Participants List (May 15th, 2015)

SG39: "Methods and approaches to provide feedback from nuclear and covariance data adjustment for improvement of nuclear data files"

- #
- 1 Dr Zhigang GE
- 2 Mr Dmitry S. OLEJNIK
- 3 Dr Oscar CABELLOS
- 4 Robert W. MILLS
- 5 Dr Do Heon KIM
- 6 Dr Luiz Carlos LEAL
- 7 Mr Michael DUNN
- 8 Dr Ayman I. HAWARI
- 9 Prof. Anatoly V. IGNATYUK
- 10 Dr Giuseppe PALMIOTTI
- 11 Mr Haicheng WU
- 12 Mr Kenji YOKOYAMA
- 13 Wenming WANG
- 14 Mr Mathieu HURSIN
- 15 Dr Nicholas TOURAN
- 16 Dr Sandro PELLONI
- 17 Prof. Ivan-Alexander KODELI
- 18 Prof. Massimo SALVATORES