

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

WPEC SG40

“Collaborative International Evaluated Library Organisation (CIELO) Pilot Project”

Agenda NEA NEA Headquarters, Issy-les-Moulineaux May 18-20, 2015

	Monday, May 18, 2015 NEA Room B
14:00 - 14:05	Welcome, Cabellos, Chadwick
14:05 - 14:25	Summary of draft files collected at BNL and IAEA and plan for future – D. Brown, A. Trkov
14:25 - 14:45	“Status of 56Fe evaluation in the fast neutron range”, M. Herman
14:45 - 15:05	Fe progress in resonance range, L. Leal
15:05 - 15:25	“The evaluation of experimental data in fast range for 56Fe” - Jing Qian
15:25 - 15:45	Iron measurements summary, Y. Danon
15:45 - 16:05	Iron data testing, A. Trkov
16:05 -16:20	Coffe break
16:20 -16:45	Oxygen summary of progress, Plompen (including slides from others unable to attend, eg Lubitz, Hale, Kunieda)
16:45 -17:00	O-16 evaluation ORNL/IRSN, L. Leal
17:00 -17:15	Oxygen total cross section measurement for cielo, Y. Danon
17:15 -17:30	Planned oxygen (n,a) LANL measurement (input from Lee) Chadwick
17:30 -17:45	Oxygen data testing (Kahler, others?) “Validation of Leal and hale O-16 Evaluations against FNS/JAEA Liquid Oxygen ToF Benchmark”, I. Kodeli
17:45 -18:15	Hydrogen - summary from Hale, Chadwick
18:15 -18:30	Hydrogen S(alpha-beta) testing, S. Kahler
18:30 - 18:45	NDEC nuclear data verification cycle summary, C. J. Diez

	Tuesday, May 19, 2015 NEA Room B
	235U
09:00 - 09:20	Resonance region, L. Leal
09:20 - 09:40	Fast region work at the CEA, P. Romain
09:40 - 10:00	Progress in U-235 evaluations, A. TRKOV
10:00 - 10:20	Preliminary PFNS from Chi-nu at LANL, M. Chadwick
10:20 - 10:40	Critical Benchmark Data Testing with CIELO Candidate Evaluations - U235, Albert. C. (skip) KAHLER
10:40 - 11:00	Coffee break
	238U
11:00 - 11:20	Evaluation of 238U+n in the resonance region, P. SCHILLEBEECKX
11:20 - 11:40	Progress in U-238 evaluations, A. TRKOV
11:40 - 12:00	238 exp data summary, Y. Danon
12:00 - 12:20	Critical Benchmark Data Testing with CIELO Candidate Evaluations - U238, Albert. C. (skip) KAHLER
12:20-14:00	Lunch
14:00 - 14:20	Validation Study on G-versions of U-238 Evaluations for JEFF, Do Heon KIM
14:20 - 14:40	Reactivity effect of new light and heavy water TSL on critical systems, J. Ignacio MARQUEZ DAMIAN
	Pu239
14:40 - 15:00	Draft files created, Chadwick (input from kawano, Noguere, Kahler)
15:00 - 15:20	PFNS, PFGS, TKE summary (input from Neudecker, Talou, Tovesson) Chadwick
15:20 - 15:40	Coffee break
15:40 - 16:00	Critical Benchmark Data Testing with CIELO Candidate Evaluations - Pu239, Albert. C. (skip) KAHLER
16:00 - 16:20	Perspectives on actinide delayed neutrons in evaluations, A. Ignatyuk
16:20 - 17:00	Discussion, All

	Wednesday , May 20, 2015 NEA Room B
09:00 - 12:30	Continues discussions on CIELO work, all Path forward for CIELO
	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. Díez
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 SG40 Participants List (May 15th, 2015)

**SG40: "Collaborative International Evaluated Library Organisation
Pilot Project - CIELO project"**

#	
1	Caleb MATTOON
2	David BROWN
3	Dr Andrej TRKOV
4	Dr Arjan PLOMPEN
5	Dr Ayman I. HAWARI
6	Dr Danila ROUBTSOV
7	Dr Do Heon KIM
8	Dr Eric BAUGE
9	Dr Giuseppe PALMIOTTI
10	Dr Gregoire KESSEDJIAN
11	Dr Jeremy Lloyd CONLIN
12	Dr Jing QIAN
13	Dr Luiz Carlos LEAL
14	Dr Mark CHADWICK
15	Dr Michal Wladyslaw HERMAN
16	Dr Morgan C. WHITE
17	Dr Oscar CABELLOS
18	Dr Pascal ROMAIN
19	Dr Peter SCHILLEBEECKX
20	Dr Raphaelle ICHOU
21	Dr Robert JACQMIN
22	Dr Stephane HILAIRE
23	Dr Yaron DANON
24	Dr Zhigang GE
25	Fausto MALVAGI
26	Mr Albert. C. (skip) KAHLER
27	Mr Benjamin MORILLON
28	Mr Dennis P. MCNABB
29	Mr Dmitry S. OLEJNIK
30	Mr Haicheng WU
31	Mr Jose Ignacio MARQUEZ DAMIAN
32	Mr Kenji YOKOYAMA
33	Mr Michael DUNN
34	Mr Young-Sik CHO
35	Ms Sophie PIGNET
36	Prof. Anatoly V. IGNATYUK
37	Prof. Helmut LEEB
38	Wenming WANG
39	Xichao RUAN