



# US National Nuclear Data Week 2017 (CSEWG-USNDP-NDAG)

## Monday, 6 November 2017

### CSEWG: Where we are and what's next? (09:00 - 11:55)

-Conveners: Mark Chadwick; Brown David; Mike Herman

time	[id] title	presenter
09:00	[52] Welcome and opening remarks	SONZOGNI, Alejandro
09:05	[54] Opening remarks & library status	DAVID, Brown
09:25	[53] Paper status	DAVID, Brown Dr CHADWICK, Mark
09:35	[56] Status of graphite evaluations	Prof. HAWARI, Ayman
09:55	[55] Comments on graphite and light water	Dr ROUBTSOV, Danila
10:15	[57] Comments on graphite and water	Dr HOLMES, Jesse Dr ZERKLE, Michael
10:35	Break	
10:50	[58] Lessons learned	DAVID, Brown
11:05	[31] ORNL contribution to ENDF/B-VIII.0 and progress on light nuclei evaluations	Dr PIGNI, Marco
11:25	[59] Discussion	

### CSEWG: Validation Committee (13:00 - 17:30)

-Conveners: Andrej Trkov

time	[id] title	presenter
13:00	[118] Comments	Dr ROMANO, Catherine
13:05	[10] Introduction	Dr TRKOV, Andrej
13:10	[11] ADVANCE system update	DAVID, Brown
13:25	[12] Independent Data Testing (from the Florida Beaches)	Dr KAHLER, Skip
13:45	[113] Pulsed sphere calculations with ENDF/B-VIII.0	Dr NEUDECKER, Denise
14:00	[114] Automated keff large-scale calculations at LANL	Dr CONLIN, Jeremy
14:15	[13] ORNL data testing of ENDF/B-VIII	Dr WILLIAMS, Mark
14:35	[20] Covariance testing at ORNL	WIARDA, Dorothea Mr MARSHALL, William
14:55	Break	
15:05	[14] Benchmarking of Fe at BNL	Dr HERMAN, Mike
15:25	[16] Benchmarking at the IAEA	Dr TRKOV, Andrej
15:45	[19] Benchmarking at AWE	Mr CORNOCK, Mark
16:05	[18] Benchmarking of TSL at CNL & CAB	Dr ROUBTSOV, Danila
16:25	[15] Benchmarking at LLNL	Dr DESCALLE, Marie-Anne

16:45	[111] Naval Nuclear Laboratory Analysis of the ENDF/B-VIII(beta5) Library
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Dr THOMPSON, Jason
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# Tuesday, 7 November 2017

## CSEWG: Covariance Committee (09:00 - 12:10)

-Conveners: Denise Neudecker; Donald Smith

time	[id] title	presenter
09:00	[5] VIII.0 Overview	DAVID, Brown
09:05	[1] Light elements	HALE, Gerry Dr PARIS, Mark
09:25	[2] Iron	Dr NOBRE, Gustavo
09:40	[3] 235U and 238U	Dr TRKOV, Andrej
10:00	[4] 239Pu	TALOU, Patrick
10:15	[6] Missing uncertainties in standards	CAPOTE, Roberto
10:35	Break	
10:50	[110] Consistency Between Evaluated Cross Sections and Covariances	Dr WILLIAMS, Mark
11:05	[7] SG44 Overview	Dr SOBES, Vladimir
11:20	[8] Missing uncertainties in standards, II	Dr NEUDECKER, Denise
11:35	[9] Dosimetry area concerns on past covariances and needs	Dr GRIFFIN, Patrick
11:50	[109] Discussion	

## CSEWG: Formats & Processing Committee (13:00 - 17:15)

-Conveners: Michael Dunn

time	[id] title	presenter
13:00	[117] Group Photo	
13:00	[32] Review of process for submitting ENDF-6 format proposals	DAVID, Brown Dr DUNN, Michael
13:20	[60] P(nu) format status	Dr STETCU, Ionel
13:30	[21] P(nu) implementation status	DAVID, Brown MATTOON, Caleb WIARDA, Dorothea Dr CONLIN, Jeremy
13:40	[61] Fission energy release status	WHITE, Morgan
13:50	[22] Fission energy release implementation status	DAVID, Brown MATTOON, Caleb WIARDA, Dorothea Dr CONLIN, Jeremy
14:00	[23] New format: fission in MF=8/10	DAVID, Brown
14:20	[24] ENDF-6 Manual Status	DAVID, Brown
14:40	[25] Processing code status: AMPX	WIARDA, Dorothea
15:00	Break	
15:15	[26] Processing code(s) status: NJOY	Dr CONLIN, Jeremy

15:35	[27] Processing code status: FUDGE	Dr BECK, Bret MATTOON, Caleb
15:55	[33] Status of ENDF-VIII translation to GNDS	MATTOON, Caleb
16:05	[29] SG-38 Report	MATTOON, Caleb
16:25	[30] SG-43 Report	Dr CONLIN, Jeremy
16:45	[28] EG-GNDS Report	DAVID, Brown

# Wednesday, 8 November 2017

## CSEWG: Measurements Committee (09:00 - 12:00)

-Conveners: Yaron Danon

time	[id] title	presenter
09:00	[34] ORNL Neutron Cross Section Measurements for the Nuclear Criticality Safety Program	Dr GUBER, Klaus
09:15	[35] Summary of LLNL nuclear data experimental activities	Dr THOMPSON, Ian
09:35	[36] Cross Section measurements at LBNL and UC-Berkeley	Dr BERNSTEIN, Lee
09:55	[37] Neutron- and photon-induced cross-section measurements at TUNL	Dr KRISHICHAYAN, Fnu
10:10	[38] Preliminary results on $^{16}\text{O}(n,a)$ cross section measurements at LANSCE	LEE, Hye Young
10:30	Break	
10:45	[39] Chi-Nu $^{235}\text{U}$ and $^{239}\text{Pu}$ PFNS Measurements	Dr KELLY, Keegan
10:55	[40] Measurements of gas production reactions $^{56}\text{Fe}(n,xa)$ , $^{52}\text{Cr}(n,xa)$ , and $^{55}\text{Mn}(n,xa)$ using LENZ a LANSCE	Dr LONG, Alexander
11:05	[41] Recent Nuclear Data Research at RPI	Prof. DANON, Yaron
11:25	[42] Recent standards measurements that impacted the standards evaluation; and the results of the standards evaluation.	Dr CARLSON, Allan
11:45	[43] Current status of the EXFOR project	Dr PRITYCHENKO, Boris

## CSEWG: Evaluation Committee (13:00 - 17:40)

-Conveners: Patrick Talou

time	[id] title	presenter
13:00	[44] TENDL+EMPIRE Project	Dr NOBRE, Gustavo
13:10	[46] Angular distributions in ENDF/B-VIII.0	DAVID, Brown
13:25	[45] Hackathon report	DAVID, Brown
13:35	[47] NNDC's Fission Yield and Decay Data Evaluation Plans	SONZOGNI, Alejandro
14:10	Break	
14:30	[48] Evaluations of $^{86}\text{Kr}$ and $^{181}\text{Ta}$	Ms LEWIS, Amanda
14:40	[49] Charged particle evaluations	Dr THOMPSON, Ian
14:55	[50] New evaluations of neutron cross sections on $^{238}\text{Pu}$ , $^{237}\text{Pu}$ and $^{236}\text{Pu}$	Dr QUAGLIONI, Sofia
15:10	[120] BNL Future CIELO plans	DAVID, Brown
15:30	[121] Nuclear Data Evaluation Work at IRSN (NCSP)	Dr LEAL, Luiz
15:45	[51] Statistics of energy-averaged cross sections: "unknown unknowns" or neglected "unknown knowns"?	Dr DAVIS, Edward
16:05	[119] Advances in ORNL Nuclear Data Evaluation Methods	ARBANAS, Goran
16:25	[116] Open discussion of future plans	TALOU, Patrick