



# US National Nuclear Data Week 2018 (CSEWG-USNDP-NDAG)

## Monday, 5 November 2018

### CSEWG: Evaluation Committee - B (09:00 - 12:00)

-Conveners: Mark Chadwick

time	[id] title	presenter
09:00	[167] BNL welcome and feedback received on B-VIII.0	Dr SONZOGNI, Alejandro Dr BROWN, Dave
09:10	[180] Goals of evaluation session and feedback received on B-VIII.0	Dr CHADWICK, Mark
09:20	[174] U235, U238, Fe, Si, Ni	Dr TRKOV, Andrej CAPOTE, Roberto
09:40	[176] Pu isotopes, minor U isotopes, Am, Ir, Y, F	Dr CHADWICK, Mark Dr HERMAN, Mike
10:00	[175] Cl, Ca, Cu, Ce, Gd, Dy, W, V, La, Ta, u233, and alpha reactions	Dr PIGNI, Marco
10:20	Break	
10:40	[173] Cr, Zr, Pb, Kr	Dr NOBRE, Gustavo Dr BROWN, Dave
11:00	[178] O16, Be, Li, N a+6Li, d+d,t,3He, p+6,7Li, t, 3He, t+t,6Li	Dr PARIS, Mark
11:20	[177] d+4He, p+7Li, and d+7Li + comments on other CP reactions LLNL added in VIII.0	ORMAND, Erich Dr THOMPSON, Ian
11:40	[179] TSLs: H(in heavy paraffinic oil), F Li Be (in FLiBe), Al O (in Al2O3), H(UH3), and H(PuH2).	Prof. HAWARI, Ayman Dr ZERKLE, Michael

### CSEWG: Evaluation Committee - B (13:00 - 13:20)

-Conveners: Mark Chadwick

time	[id] title	presenter
13:00	[194] NNL Special-Purpose (alpha,n) Evaluations	Dr ZERKLE, Michael

### CSEWG: Validation Committee - B (13:20 - 17:20)

-Conveners: Andrej Trkov

time	[id] title	presenter
13:20	[124] Status of ADVANCE and GForge	DAVID, Brown
13:40	[125] Validation of ENDF/B-VIII.0 Neutron Cross-Sections Library for CANDU Applications for criticality and burnup calculations	ATTIEH, Ibrahim
14:00	[130] Nuclear Data testing & Evaluating at CNL and CAB	Dr ROUBTSOV, Danila MARQUEZ DAMIAN, Jose Ignacio
14:20	[126] TBD	Dr DESCALLE, Marie-Anne
14:40	[127] Validating ENDF/B-VIII.0 with LLNL pulsed spheres spanning materials from light water to plutonium	Dr NEUDECKER, Denise

15:00	Break	
15:20	[128] Post-ENDF/B-VIII improvements to the $^{56}\text{Fe}$ nuclear data evaluation	Dr TRKOV, Andrej
15:40	[129] Status of the ICSBEP and IRPhEP 2018 Handbooks	BESS, John
16:00	[192] Feedback from RPSD-2018	Dr BROWN, Dave
16:20	[193] Assessment of ENDF/B-VIII.0 and TENDL-2015 Evaluated Nuclear Data Libraries Using Stellar Nucleosynthesis Modeling	Dr PRITYCHENKO, Boris

## Tuesday, 6 November 2018

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

-Conveners: Denise Neudecker

time	[id] title	presenter
09:00	[164] Feedback from users who could not attend	Dr NEUDECKER, Denise
09:20	[165] ENDF/B-VIII.0 covariance testing in ORNL	WIARDA, Dorothea
09:45	[166] Augmented ENDF/B-VIII.0 covariance matrix	Dr SOBES, Vladimir
10:05	[168] Updating the experimental $^{239}\text{Pu}(n,f)$ cross-section uncertainties in the Neutron Data Standards database	Dr NEUDECKER, Denise
10:25	[198] Just 1 slide	MATTOON, Caleb
10:27	Break	
10:40	[169] Uncertainty and Covariance Analysis for Fast-Neutron Induced Cross Section Partial Gamma Measurements	Ms LEWIS, Amanda
11:00	[170] Applying machine learning techniques to ICSBEP benchmark validation	GRECHANUK, Pavel RISING, Michael HERMAN, Mike
11:20	[171] Bayesian Monte Carlo applied to Ni isotopes	KONING, Arjan
11:40	[172] Reduction of uncertainty in general purpose libraries without using integral data	Dr TRKOV, Andrej CAPOTE, Roberto

### CSEWG: Formats and Processing Committee - B (13:00 - 17:00)

-Conveners: Michael Dunn

time	[id] title	presenter
13:00	[131] Format Issues and Proposals	
14:00	[132] NJOY Status	Dr CONLIN, Jeremy
14:20	[133] AMPX	WIARDA, Dorothea
14:40	[134] FUDGE	Dr BECK, Bret MATTOON, Caleb
15:00	Break	
15:20	[135] EG-GNDS Report	Dr BROWN, Dave
15:35	[136] SG-43 Report	Dr CONLIN, Jeremy
15:50	[137] ENDF-102 Update	Dr BROWN, Dave
16:05	[138] SAMMY Modernization and Advances in Nuclear Data Evaluation Methods	ARBANAS, Goran

# Wednesday, 7 November 2018

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

-Conveners: Yaron Danon

time	[id] title	presenter
09:00	[181] U-235 and Pu-239 prompt fission neutron spectra measurements from Chi-Nu at LANSCE	DEVLIN, Matthew
09:15	[182] Status update on NZ reaction studies at LANSCE	LEE, Hye Young
09:30	[183] ORNL neutron cross section measurements for the US Nuclear Criticality Safety Program	Dr GUBER, Klaus
09:45	[184] Nuclear Data Measurements and Analysis at RPI	Prof. DANON, Yaron
10:00	[185] NNL Nuclear Data Measurements and Analysis at RPI	BARRY, Devin
10:15	[186] Decay Data Measurements for Applications	MCCUTCHAN, Elizabeth
10:30	Break	
10:45	[187] Neutron Cross Sections at UKAL: C, Si, Li, F	RAMIREZ, Anthony Paul
11:00	[188] Nuclear Data Measurements from LBNL and UC-Berkeley	MORRELL, Jonathan
11:15	[189] EXFOR status report	Dr PRITYCHENKO, Boris
11:30	[190] Recent work on neutron cross section standards	Dr CARLSON, Allan
11:45	[191] Internal Conversion Coefficients Precision Measurements	Dr NICA, NINEL

## CSEWG: Fission Product Yields and Any Other Business - B (13:00 - 15:30)

-Conveners: Alejandro Sonzogni

time	[id] title	presenter
13:00	[139] Collaborative Nuclear Data Measurements	PIERSON, Bruce
13:30	[140] Calculation of Independent and Cumulative Fission Product Yields and Fission Spectrum with the Statistical Decay Theory	KAWANO, Toshihiko
13:50	[141] Fission Yields CRP	DIMITRIOU, Paraskevi
14:10	[142] Nuclear Data Sheets	MCCUTCHAN, Elizabeth
14:30	[143] Some of the Latest Developments on Nuclear Reactor Antineutrinos	Dr SONZOGNI, Alejandro
14:50	[144] Versatile Test Reactor Overview	HILL, Tony