

US National Nuclear Data Week 2019 (CSEWG-USNDP-NDAG)

Monday, 4 November 2019

CSEWG: Welcome - B (09:00 - 09:10)

-Conveners: Brown David; Alejandro Sonzogni

time	[id] title	presenter
09:00	[298] Welcome	Dr SONZOGNI, Alejandro Dr BROWN, Dave

CSEWG: Validation Committee (09:10 - 12:00)

-Conveners: Andrej Trkov; Michael Zerkle

time	[id] title	presenter
09:10	[242] Status of astrophysical abundances and rates calculation using ENDF/B libraries	Dr PRITYCHENKO, Boris
09:25	[243] CASL VERA benchmark results with ENDF/B-VII.1 and VIII.0 for Pressurized Water Reactors	KIM, Kang Seog
09:40	[244] Data validation for fusion neutronics	BOHM, Tim
09:55	[245] Energy-dependent Bias between ENDF/B-VII.1 and ENDF/B-VIII.0 for LCT Benchmarks	MARSHALL, William
10:10	[250] CSEWG Validation – Contribution from the IAEA (Validation of codes for ACE libraries, LCT Benchmark analysis)	Dr TRKOV, Andrej
10:25	Break	
10:35	[237] Impact of the ENDF/B-VIII.0 Library on Modeling Nuclear Tools for Oil Exploration	MAUBORGNE, Marie-Laure
10:50	[251] Validation of H-H O at Elevated Temperatures 2 using Diffusion Experiments	Dr ZERKLE, Michael
11:05	[246] Status of gitlab migration and ADVANCE CI/CD system for ENDF	DAVID, Brown ARCILLA, Ramon
11:15	[252] Problems with $^{16}\text{O}(n,n'\alpha)$ gammas	Dr BROWN, Dave
11:25	[253] Beta-effective benchmarks	HEINRICHS, David
11:40	[255] Evolution of the ICSBEP and the Need for Modern Benchmarks and Experiments	PERCHER, Catherine

CSEWG: Executive Committee (12:00 - 13:00)

-Conveners: Alejandro Sonzogni

CSEWG: Validation Committee (overflow) - B (13:00 - 13:15)

-Conveners: Andrej Trkov; Michael Zerkle

time	[id] title	presenter
13:00	[312] GNDS implementation update: results of TNSL and heated URRPT testing	Dr DESCALLE, Marie-Anne

CSEWG: Measurements Committee - B (13:15 - 17:15)**-Conveners: Yaron Danon**

time	[id] title	presenter
13:15	[273] LENZ Measurement of the $^{16}\text{O}(n,\alpha)$ Reaction and a Chi-Nu Status Update	LEE, Hye Young
13:45	[274] Measurement of the $^{35}\text{Cl}(n,p)^{35}\text{S}$ Reaction Cross Section at LANSCE	KUVIN, Sean
13:55	[275] Recent Experimental Activities at LANSCE on Pt Capture Cross Sections	FRY, Cathleen
14:05	[276] The SREFT (Spatially RESolving Fission Tracker) Time Projection Chamber	LEAL CIDONCHA, Esther
14:15	[277] ORNL neutron cross section measurements for the US Nuclear Criticality Safety Program	Dr GUBER, Klaus
14:35	[278] Experimental Activities at LBNL	Dr BERNSTEIN, Lee
14:55	Break	
15:10	[279] Nuclear data measurements carried at TUNL	KRISHICHAYAN, Fnu
15:30	[280] Nuclear data measurement and analysis at RPI	Prof. DANON, Yaron
16:00	[281] Recent work on neutron standards data	Dr CARLSON, Allan
16:20	[282] Current status of EXFOR	Dr PRITYCHENKO, Boris
16:40	[283] Measurements of branching ratios in U-238	MCCUTCHAN, Elizabeth

Tuesday, 5 November 2019

CSEWG: Covariance Committee (08:25 - 12:00)

-Conveners: Denise Neudecker

time	[id] title	presenter
08:35	[223] Covariance Analysis of Experimental Shape Data	KELLY, Keegan
08:50	[224] CSEWG Initiative of Establishing Templates of Expected Measurement Uncertainties	Dr NEUDECKER, Denise
09:10	[248] isotope production charged particle templates	Dr BERNSTEIN, Lee
09:15	[225] Templates of Expected Measurement Uncertainties and EXFOR	Ms LEWIS, Amanda
09:25	[226] Discussion Time on Templates	
09:30	[227] Unrecognized Sources of Uncertainties	CAPOTE, Roberto
09:50	[228] Summary of SG44 and TSL Covariance Format	Dr SOBES, Vladimir
10:10	[229] Current Official GNDS Covariance Format and Format Proposals	MATTOON, Caleb
10:25	Break	
10:35	[230] Issues in ENDF/B-VIII.0 GNDS Covariances	WIARDA, Dorothea
10:50	[231] Mu-bar covariances, Importance and Issues in ENDF/B-VIII.0	PARSONS, Kent
11:05	[232] Discussion Time on Formats and Issues	
11:10	[233] Covariances Between Fission Observables Coming from Theory	VOGT, Ramona
11:25	[234] Standardizing a Renewed Fission Product Yield Library and Related Covariances	Dr PIGNI, Marco
11:40	[235] Bayesian MC Evaluation Framework for Differential and Integral Data	ARBANAS, Goran

CSEWG: Evaluation Committee (neutrons & photonuclear) (13:00 - 15:00)

-Conveners: Mark Chadwick; Patrick Talou

time	[id] title	presenter
13:00	[239] Be9 photonuclear evaluation	THOMPSON, Jason
13:15	[290] Plutonium isotopes	TALOU, Patrick
13:35	[291] R-matrix evaluation of actinides	Dr PIGNI, Marco
13:50	[292] Evaluations at IRSN	LEAL, Luiz
14:05	[293] Angular and energy distribution evaluations for 62 N,Z reactions	LEE, Hye Young
14:20	[294] U isotope evaluations and 208Pb	STETCU, Ionel
14:35	[296] Status of Cr evaluations	Dr NOBRE, Gustavo
14:50	[295] Summary of RQ Wright nubar evaluations for Cf, U, Pu, Am isotopes	
14:55	[297] 7Li and α Production – do we need an LR flag for MT=102?	Dr TRKOV, Andrej Dr KAHLER, Skip

CSEWG: Evaluation Committee (FPY & decay) - B (15:20 - 17:45)

-Conveners: Toshihiko Kawano

time	[id] title	presenter
15:20	[238] Current status of evaluation for ENDF FPY data sublibrary	KAWANO, Toshihiko
15:50	[249] A Method for Generation of Fission Yield Covariance Matrices	MATTHEWS, Eric
16:10	[254] Fission Product Chain Yield Measurements	PIERSON, Bruce Dr BREDEWEG, Todd
16:30	[256] Update of the compilation effort at BNL	MATTERA, Andrea
16:50	[257] A new evaluation of the ^{147}Nd beta-minus decay	SINGH, Balraj
17:10	[258] Cumulative fission yield correlations	Dr SONZOGNI, Alejandro
17:30	[311] LLNL Efforts on FPY Evaluations	VOGT, Ramona

Wednesday, 6 November 2019

CSEWG: Formats & Processing Committee (09:00 - 12:00)

-Conveners: Michael Dunn; Dorothea Wiarda

time	[id] title	presenter
09:00	[220] ENDF-102 Clarification for Discrete Gamma Emission (Tracker #1155)	Dr BECK, Bret
09:10	[221] Proposal to Include a "Background" R-matrix Term in the LRF=7 Format (Tracker #1151)	BROWN, Jesse
09:25	[240] Format proposal: CODATA2018	Dr CONLIN, Jeremy
09:30	[222] Define relativistic flag (KRL) in LRF=7	Dr THOMPSON, Ian Dr PARIS, Mark
09:40	[219] SAMMY Code Report	WIARDA, Dorothea
09:55	[236] PREPRO2019 Processing Code Release	DUNN, Michael
10:00	[272] New MT's to support IRDFF	Dr TRKOV, Andrej
10:10	[213] NJOY Processing Code Report	Dr CONLIN, Jeremy
10:30	[214] AMPX Processing Code Report	WIARDA, Dorothea
10:50	[215] FUDGE Processing Code Report	MATTOON, Caleb
11:10	Break	
11:25	[216] EG-GNDS Status Report	DAVID, Brown
11:40	[217] SG-43 Status Report	Dr CONLIN, Jeremy
11:55	[218] ENDF Manual Update	DAVID, Brown

CSEWG: Evaluation Committee (ML, TSL, CP) - B (13:00 - 15:00)

-Conveners: Patrick Talou; Mark Chadwick

time	[id] title	presenter
13:00	[241] Validating nuclear data by means of machine learning methods	Dr NEUDECKER, Denise
13:15	[247] Los Alamos ARCHIMEDES Project	LITTLE, Robert
13:30	[284] New paradigm for nuclear data evaluation	Dr HERMAN, Mike
13:45	[285] ENDF as a Gaussian Process Regression model and the ENDF Belief Network	Dr BROWN, Dave
14:00	[286] TSL Evaluations	Prof. HAWARI, Ayman
14:15	[287] TSL Evaluations	CHAPMAN, Chris
14:30	[288] TN Evaluations	Dr PARIS, Mark
14:45	[289] Charged particle evaluations	Dr THOMPSON, Ian

CSEWG: Evaluation Committee (yet more evaluations!) - B (15:20 - 15:30)

-Conveners: Patrick Talou

time	[id] title	presenter
15:20	[313] Evaluation and Validation of the $\alpha+^{17,18}\text{O}$ Cross Sections	Dr PIGNI, Marco