



# Nuclear Data Week(s) 2021 (CSEWG-USNDP-NDAG)

## Monday, 15 November 2021

### CSEWG: Formats Committee - Format Tracker Issues and Proposals (10:15 - 10:45)

time	[id] title	presenter
10:15	[510] Overloaded MAT numbers / misassigned MAT numbers for Al <sub>2</sub> O <sub>3</sub> (#16)	Dr BROWN, Dave
10:25	[511] MAT numbers for U(UO <sub>2</sub> ) and O(UO <sub>2</sub> ) do not agree with ENDF Manual (#7)	Dr BROWN, Dave
10:35	[512] O in BeO in UO <sub>2</sub> : MAT numbers for thermal scattering (#1)	Dr BROWN, Dave

### CSEWG: Formats Committee - Processing Code Reports (10:45 - 11:45)

time	[id] title	presenter
10:45	[513] NJOY - LANL	HAECK, Wim
11:05	[514] AMPX / SAMMY - ORNL	HOLCOMB, Andrew WIARDA, Dorothea
11:25	[515] FUDGE - LLNL	Dr BECK, Bret

### CSEWG: Formats Committee - Format Issues for Discussion - B (12:30 - 13:40)

time	[id] title	presenter
12:30	[516] Thermal Scattering Law	HOLCOMB, Andrew WIARDA, Dorothea
12:40	[517] Inconsistent use of the characteristic bound cross section for incoherent elastic scattering (#13)	MARQUEZ DAMIAN, Jose Ignacio
12:55	[518] Additional questions for discussion	
13:10	[519] Unresolved Resonance Region	HOLCOMB, Andrew WIARDA, Dorothea

### CSEWG: Formats Committee - Status Report - B (13:45 - 14:30)

time	[id] title	presenter
13:45	[595] EG-GNDS Status Report	Dr BROWN, Dave
14:00	[596] ENDF-102 Status Report	WIARDA, Dorothea DUNN, Michael
14:15	[597] TBD	WIARDA, Dorothea DUNN, Michael

### CSEWG: Covariance Committee - Adjustment - B (14:45 - 15:35)

-Conveners: Denise Neudecker

time	[id] title	presenter
------	------------	-----------

14:45	[520] Updates from the covariance session committee	Dr NEUDECKER, Denise
14:50	[521] WPEC/SG46 TAR exercise: preliminary results	CABELLOS, Oscar
15:05	[522] The benefit of adjusting with criticality and reaction rate data	CASPERSON, Robert
15:20	[523] Getting sensitivities for various integral responses supporting nuclear data validation and adjustment	Dr NEUDECKER, Denise HUTCHINSON, jesson

**CSEWG: Covariance Committee - New eval. - B (15:45 - 16:45)**

-Conveners: Denise Neudecker

time	[id] title	presenter
15:45	[524] Covariance update from INDEN	CAPOTE, Roberto
15:55	[525] Covariance update for light elements	Dr PARIS, Mark
16:05	[526] Covariance update for actinides in the RRR	Dr PIGNI, Marco
16:15	[527] Covariances for the Fission Product Yield Reevaluation	LOVELL, Amy
16:30	[528] Recent Work on Thermal Scattering Covariance Generation and Compression	TUMULAK, Aaron

**CSEWG: Covariance Committee - B (16:55 - 18:00)**

-Conveners: Denise Neudecker

time	[id] title	presenter
16:55	[529] Covariances processing and testing	GIBSON, Nathan
17:10	[530] Neutron-Gamma Emission Correlations in $^{252}\text{Cf}(\text{sf})$	VOGT, Ramona VOGT, Ramona MARIN, Stefano
17:20	[531] Bayesian Monte Carlo evaluation framework for imperfect data	ARBANAS, Goran BROWN, Jesse
17:35	[545] An Uncertainty Quantification Toolkit for GNDS Formatted Libraries	WENDT, Kyle
17:45	[546] Unifying the URR PT approaches and covariance work in a consistent framework	VORABBI, Matteo

## Tuesday, 16 November 2021

### CSEWG: Measurements Committee - B (10:00 - 11:00)

time	[id] title	presenter
10:00	[580] LANL progress on LENZ, SPIDER, and SREFT	LEE, Hye Young
10:10	[581] LANL progress on ChiNu and Scattering	KELLY, Keegan
10:20	[582] ORNL neutron induced cross section experiments on Zr90	GUBER, Klaus
10:35	[583] Overview of Nuclear Data measurement and analysis at RPI	Prof. DANON, Yaron
10:50	[584] Gamma-ray spectroscopy of fission products for forensics: La-140 and I-130 beta decay	MATTERA, Andrea

### CSEWG: Measurements Committee - B (11:10 - 12:10)

time	[id] title	presenter
11:10	[585] Recent Work related to Neutron Standards	Dr CARLSON, Allan
11:25	[586] Neutron and charged-particle cross section measurements	BROWN, josh
11:40	[587] Differential cross section measurements of the $^{13}\text{C}(\text{a},\text{n})^{16}\text{O}$ reaction at the University of Notre Dame	DEBOER, James
11:55	[588] The current status of the EXFOR project	Dr PRITYCHENKO, Boris

### CSEWG: Validation Committee - B (13:10 - 14:30)

time	[id] title	presenter
13:10	[547] Introduction	Dr ZERKLE, Michael
13:15	[548] ENDF Phase 1 Checking & Review Status	Dr BROWN, Dave
13:30	[549] ORNL Experience with the ENDF/B-VIII.0 Graphite TSL Evaluations	BOSTELMANN, Friederike
13:45	[550] Validating the LANL versus INDEN 239Pu file in the fast range	Dr NEUDECKER, Denise
14:00	[551] The impact of FENDL-3.2 on ITER and FNSF fusion reactor computational benchmarks	BOHM, Tim
14:15	[599] Validating Gamma-ray Data Produced in 14-MeV Neutron Interaction	HERNANDEZ, Isabel

### CSEWG: Discussion on Outreach - B (14:45 - 15:15)

time	[id] title	presenter
14:45	[544] Discussion on Outreach	SHU, Benjamin MCCUTCHAN, Elizabeth

# Wednesday, 17 November 2021

## CSEWG: Evaluation Committee - TSL sublibrary - B (10:00 - 12:00)

time	[id] title	presenter
10:00	[570] TNSL Implementation and Testing in FUDGE	MATTOON, Caleb
10:12	[571] NJOY+NCrystal: Update of the Code and Thermal Scattering Library	MARQUEZ DAMIAN, Jose Ignacio
10:24	[572] Nuclear Graphite TSL Evaluation and Cross Section	AL-QASIR, Iyad
10:36	[573] Code Verification Project for Generating ACE Libraries	Dr TRKOV, Andrej
10:48	[574] Thermal Neutron Scattering Evaluation for Polyethylene from RPI/ORNL/ESS	RAMIC, Kemal
11:00	[575] Zirconium Hydride TSL Evaluation	ŠVAJGER, Ingrid
11:12	[576] Calcium Hydride (CaH <sub>2</sub> ) TSL Evaluations and Cross Sections	LARAMEE, Benjamin LARAMEE, Benjamin
11:24	[577] Evaluation of TSL of the delta-phase yttrium hydride (YH <sub>2</sub> to YH <sub>1.31</sub> )	MEHTA, Vedant
11:36	[578] Zirconium Carbide TSL Evaluations	WORMALD, Jonathan
11:48	[579] Uranium Carbide and Uranium-Metal TSL Evaluations and Cross Sections	CROZIER, Jonathan

## CSEWG: Evaluation Committee - Fission Product Yields - B (13:00 - 15:20)

time	[id] title	presenter
13:00	[589] Nuclear Data Activities on Fission Yields at LBNL	MATTHEWS, Eric
13:20	[590] Energy Dependent Fission Product Yields from Neutron- and Photon-Induced Fission	TONCHEV, Anton
13:40	[591] Update on short-lived and cumulative fission product yields from the NPML Collaboration	HARKE, Jason
14:00	Break	
14:10	[600] FPY Data Compilations.	Dr PRITYCHENKO, Boris
14:20	[592] FPY Evaluation Work at LANL	LOVELL, Amy
14:40	[593] Angular Momentum Studies with FREYA	VOGT, Ramona
15:00	[594] Fission yields interplay with beta-delayed neutrons and electrons	Dr SONZOGNI, Alejandro

## CSEWG: Evaluation Committee - Charged Particles - B (15:30 - 16:10)

time	[id] title	presenter
15:30	[557] Summary of the light-element CP induced evaluations for VIII.1	Dr PARIS, Mark
15:50	[558] TM on (alpha, n) nuclear data evaluation and data needs	DIMITRIOU, Paraskevi

# Thursday, 18 November 2021

## CSEWG: Evaluation Committee - Neutron sublibrary - B (10:00 - 12:10)

time	[id] title	presenter
10:00	[559] Current status of ENDF	Dr NOBRE, Gustavo
10:30	[561] Solving the burnup conundrum: Updates in U-235 and U-238 evaluations in the RRR	Dr TRKOV, Andrej Dr PIGNI, Marco CAPOTE, Roberto
11:00	Break	
11:10	[562] INDEN evaluation of neutron induced reactions on Pu-239: status and updates	CAPOTE, Roberto
11:40	[563] URR for 233,235U and 239Pu	Dr PIGNI, Marco

## CSEWG: Evaluation Committee - Neutron sublibrary - B (12:55 - 14:25)

time	[id] title	presenter
12:55	[564] 239Pu evaluation updates	Dr NEUDECKER, Denise MUMPOWER, Matthew
13:25	[565] 239Pu evaluation	POTEL AGUILAR, Gregory
13:55	[566] TN update plans and advances for 16O and 9Be	Dr PARIS, Mark

## CSEWG: Evaluation Committee - Neutron sublibrary - B (14:40 - 16:10)

time	[id] title	presenter
14:40	[567] 59Ni	KUVIN, Sean
15:10	[568] 181Ta	Dr HERMAN, Mike
15:40	[569] Updates to the n+63,65Cu Angular Distributions	MCDONNELL, Jordan Dr PIGNI, Marco