

Mini-CSEWG

Report of Contributions

Contribution ID: 1

Type: **not specified**

LANL Welcome

Tuesday, 13 August 2024 09:00 (15 minutes)

Presenter: CHADWICK, Mark (Lanl)

Session Classification: Looking backwards and looking forwards

Contribution ID: 2

Type: **not specified**

Guided Discussion: Lessons Learned

Tuesday, 13 August 2024 09:30 (1 hour)

Guided discussion on lessons learned from the preparation and release of ENDF/B-VIII.1

Presenters: BROWN, David (NNDC-BNL); NOBRE, Gustavo (BNL)

Session Classification: Looking backwards and looking forwards

Contribution ID: 3

Type: **not specified**

Guided Discussion: Activation Data

Tuesday, 13 August 2024 11:00 (20 minutes)

Presenters: Dr JOSEY, Colin (LANL); WIESELQUIST, William (Oak Ridge National Laboratory)

Session Classification: Looking backwards and looking forwards

Contribution ID: 4

Type: **not specified**

Guided Discussion: Charged particle evaluations with a fusion focus

Tuesday, 13 August 2024 11:40 (20 minutes)

Presenter: Dr PIGNI, Marco (ORNL)

Session Classification: Looking backwards and looking forwards

Contribution ID: 5

Type: **not specified**

Guided Discussion: Fission products, decay data and delayed neutrons

Tuesday, 13 August 2024 11:20 (20 minutes)

Presenter: SONZOGNI, Alejandro (NNDC - BNL)

Session Classification: Looking backwards and looking forwards

Contribution ID: 6

Type: **not specified**

Guided Discussion: Nuclear Data Standards

Tuesday, 13 August 2024 12:00 (20 minutes)

Presenters: CARLSON, Allan (NIST); CAPOTE, Roberto (IAEA NDS)

Session Classification: Looking backwards and looking forwards

Contribution ID: 7

Type: **not specified**

Guided Discussion: Thermal neutron scattering

Tuesday, 13 August 2024 12:20 (20 minutes)

Presenters: ZERKLE, Michael (Bettis Atomic Power Laboratory); Dr ZERKLE, Michael (Naval Nuclear Laboratory)

Session Classification: Looking backwards and looking forwards

Contribution ID: 8

Type: **not specified**

Current and future Pu validation experiments

Tuesday, 13 August 2024 14:00 (20 minutes)

Presenter: HUTCHINSON, jesson (LANL)

Session Classification: Looking backwards and looking forwards

Contribution ID: 9

Type: **not specified**

Update for 8.1 on the deuteron sublibrary for tritium

Wednesday, 14 August 2024 13:50 (20 minutes)

Presenters: HALE, Gerry (LANL); PARIS, Mark (LANL T-2)

Session Classification: New results

Contribution ID: 10

Type: **not specified**

New U238 PFNS Evaluation

Wednesday, 14 August 2024 14:10 (20 minutes)

Presenter: NEUDECKER, Denise (Los Alamos National Laboratory, Theoretical Division)

Session Classification: New results

Contribution ID: 11

Type: **not specified**

ENDF Status and future

Wednesday, 14 August 2024 13:30 (20 minutes)

Presenter: NOBRE, Gustavo (BNL)

Session Classification: New results

Contribution ID: 12

Type: **not specified**

Guided Discussion: Benchmarks for fission product yield data

Tuesday, 13 August 2024 14:20 (40 minutes)

Presenters: ZERKLE, Michael (Bettis Atomic Power Laboratory); Dr ZERKLE, Michael (Naval Nuclear Laboratory)

Session Classification: Looking backwards and looking forwards

Contribution ID: 13

Type: **not specified**

Guided Discussion: Benchmarks for fusion related data

Tuesday, 13 August 2024 15:00 (40 minutes)

Presenters: ZERKLE, Michael (Bettis Atomic Power Laboratory); Dr ZERKLE, Michael (Naval Nuclear Laboratory)

Session Classification: Looking backwards and looking forwards

Contribution ID: 14

Type: **not specified**

Guided Discussion: Benchmarks for gamma emission data

Tuesday, 13 August 2024 16:00 (40 minutes)

Presenter: DANON, Yaron (Rensselaer Polytechnic Institute)

Session Classification: Looking backwards and looking forwards

Contribution ID: 15

Type: **not specified**

Validation Testing at LANL with ENDF/B-VIII.1 β 4 Files

Wednesday, 14 August 2024 14:30 (20 minutes)

Presenter: KLEEDTKE, Noah (LANL)

Session Classification: New results

Contribution ID: 16

Type: **not specified**

URR formalism

Wednesday, 14 August 2024 09:00 (15 minutes)

Presenter: BROWN, Jesse (ORNL)

Session Classification: Formats & processing

Contribution ID: 17

Type: **not specified**

Can we have File 32 style covariances in GNDS and a File 33 version of it in ENDF? GNDS can have both, with the right eval flag.

Wednesday, 14 August 2024 09:30 (15 minutes)

Presenter: WIARDA, Dorothea (ORNL)

Session Classification: Formats & processing

Contribution ID: 18

Type: **not specified**

TSL style covariance

Wednesday, 14 August 2024 11:45 (15 minutes)

Presenter: CHAPMAN, Chris (Oak Ridge National Laboratory)

Session Classification: Formats & processing

Contribution ID: 19

Type: **not specified**

File 2 and File 3 data in GNDS

Wednesday, 14 August 2024 09:45 (15 minutes)

Presenter: WIARDA, Dorothea (ORNL)

Session Classification: Formats & processing

Contribution ID: 20

Type: **not specified**

How can we test the new GNDS only release and ensure that the processing codes can handle this correctly?

Wednesday, 14 August 2024 10:40 (30 minutes)

Presenter: WIARDA, Dorothea (ORNL)

Session Classification: Formats & processing

Contribution ID: 21

Type: **not specified**

Enabling gamma cascades in GNDS

Wednesday, 14 August 2024 11:10 (20 minutes)

Presenter: CHIMANSKI, Emanuel (BNL)

Session Classification: Formats & processing

Contribution ID: 22

Type: **not specified**

How we can extend the MF=32 covariance to energy shift and normalization?

Wednesday, 14 August 2024 10:00 (20 minutes)

Presenter: Dr PIGNI, Marco (ORNL)

Session Classification: Formats & processing

Contribution ID: 23

Type: **not specified**

URR covariance

Wednesday, 14 August 2024 09:15 (15 minutes)

Presenter: Dr PIGNI, Marco (ORNL)

Session Classification: Formats & processing

Contribution ID: 24

Type: **not specified**

MT=900-999 and conversion to MT=102 for legacy files

Wednesday, 14 August 2024 11:30 (15 minutes)

Presenter: BROWN, David (NNDC-BNL)

Session Classification: Formats & processing

Contribution ID: 25

Type: **not specified**

The LANL-TerraPower CI-35: Covariances & ENDF/B-IX

Wednesday, 14 August 2024 15:25 (20 minutes)

Presenter: Dr HANSELMAN, Ken (LANL)

Session Classification: New results

Contribution ID: 26

Type: **not specified**

Applying n,tot, scattering and capture templates and new database

Thursday, 15 August 2024 09:05 (20 minutes)

Presenter: KHATIWADA, Ajeeta (LANL)

Session Classification: New techniques

Contribution ID: 27

Type: **not specified**

Applying PFNS templates to 252Cf PFNS of Kornilov or when to apply templates versus rejecting data

Thursday, 15 August 2024 09:40 (20 minutes)

Presenter: NEUDECKER, Denise (Los Alamos National Laboratory, Theoretical Division)

Session Classification: New techniques

Contribution ID: 28

Type: **not specified**

Updates on Nuclear Data Measurement Validation and Analysis at RPI

Thursday, 15 August 2024 10:35 (20 minutes)

Presenter: DANON, Yaron (Rensselaer Polytechnic Institute)

Session Classification: New techniques

Contribution ID: 29

Type: **not specified**

Evaluation techniques applied to Pu-239(n,2n)

Thursday, 15 August 2024 13:45 (20 minutes)

Presenter: CAPOTE, Roberto (IAEA NDS)

Session Classification: New techniques

Contribution ID: 30

Type: **not specified**

Model UQ across a broad number of isotopes

Thursday, 15 August 2024 15:25 (20 minutes)

Presenter: LOVELL, Amy (Los Alamos National Laboratory)

Session Classification: New techniques

Contribution ID: 31

Type: **not specified**

RRR model UQ and ideas how we could work towards medium-fidelity

Presenter: Dr PIGNI, Marco (ORNL)

Session Classification: New techniques

Contribution ID: 32

Type: **not specified**

URR

Thursday, 15 August 2024 14:45 (20 minutes)

Presenter: BROWN, David (NNDC-BNL)

Session Classification: New techniques

Contribution ID: 33

Type: **not specified**

Templates for Expected Measurement Uncertainties Applied to Neutron Multiplication of Minor Uranium Isotopes

Thursday, 15 August 2024 09:25 (15 minutes)

Presenter: FRITSCH, Cole (UTK)

Session Classification: New techniques

Contribution ID: 34

Type: **not specified**

Mo and Gd

Wednesday, 14 August 2024 15:45 (20 minutes)

Presenter: BROWN, Jesse (ORNL)

Session Classification: New results

Contribution ID: 35

Type: **not specified**

^9Be photonuclear evaluation update

Wednesday, 14 August 2024 16:05 (10 minutes)

Presenter: THOMPSON, Jason (NNL-KAPL)

Session Classification: New results

Contribution ID: 36

Type: **not specified**

New Zirconium Evaluations for ENDF/B-IX

Wednesday, 14 August 2024 16:15 (20 minutes)

Presenter: SIEMERS, Greg (RPI)

Session Classification: New results

Contribution ID: 37

Type: **not specified**

ORNL TSL contributions to ENDF/B-IX

Wednesday, 14 August 2024 16:35 (20 minutes)

Presenter: CHAPMAN, Chris (Oak Ridge National Laboratory)

Session Classification: New results

Contribution ID: 38

Type: **not specified**

Automated Resonance Fitting

Thursday, 15 August 2024 10:55 (20 minutes)

Presenter: SOBES, Vladimir (University of Tennessee)

Session Classification: New techniques

Contribution ID: 39

Type: **not specified**

Verifiable Covariance Estimation

Thursday, 15 August 2024 14:25 (20 minutes)

Presenter: SOBES, Vladimir (University of Tennessee)

Session Classification: New techniques

Contribution ID: 40

Type: **not specified**

Welcome & session charge

Thursday, 15 August 2024 09:00 (5 minutes)

Presenter: NEUDECKER, Denise (Los Alamos National Laboratory, Theoretical Division)

Session Classification: New techniques

Contribution ID: 41

Type: **not specified**

Applying fission cross section templates to ^{235}U fission cross sections in the standards database

Presenter: DIABY, Fanta (LANL)

Session Classification: New techniques

Contribution ID: 42

Type: **not specified**

PPP and Chiba-Smith is not a fix but IRLS

Thursday, 15 August 2024 13:30 (15 minutes)

Presenter: GROSSKOPF, Mike (LANL)

Session Classification: New techniques

Contribution ID: 43

Type: **not specified**

Evaluation techniques that also explore experimental bias

Thursday, 15 August 2024 10:00 (15 minutes)

Presenter: GROSSKOPF, Mike (LANL)

Session Classification: New techniques

Contribution ID: 44

Type: **not specified**

Evaluation techniques used for experiment selection

Thursday, 15 August 2024 14:05 (20 minutes)

Presenter: THOMPSON, Christi (LANL)

Session Classification: New techniques

Contribution ID: 45

Type: **not specified**

Discussion on proposed standards for experimental UQ, sharing of UQ of experimental data and questions on RRR evaluated uncertainties

Thursday, 15 August 2024 11:15 (45 minutes)

Session Classification: New techniques

Contribution ID: 46

Type: **not specified**

Discussion on evaluation techniques and working towards medium-fi

Thursday, 15 August 2024 15:45 (1 hour)

Session Classification: New techniques

Contribution ID: 47

Type: **not specified**

NNL ENDF/B-VIII.1(b4) Validation Testing

Wednesday, 14 August 2024 14:50 (15 minutes)

Presenters: ZERKLE, Michael (Bettis Atomic Power Laboratory); Dr ZERKLE, Michael (Naval Nuclear Laboratory)

Session Classification: New results

Contribution ID: 48

Type: **not specified**

Opening remarks

Tuesday, 13 August 2024 09:15 (15 minutes)

Presenters: BROWN, David (NNDC-BNL); NOBRE, Gustavo (BNL)

Session Classification: Looking backwards and looking forwards