Session Program

21–29 Jul 2022



15th International Conference on Nuclear Data for Science and Technology (ND2022)

Covariances

Gather.Town

Wednesday 27 July

06:00

Covariances: I

Session | **Location:** Delta King | **Convener:** Oscar Cabellos

06:00–06:24

(WITHDRAWN) Reactor Antineutrino Energy Spectra and Associated Uncertainties Using the GEF Model

Speaker
Magali Estienne

06:24–06:36

Toward an exact Bayesian inference of fission nuclear data

Speaker
David Regnier

06:36–06:48

Surrogate Modeling for Fission Cross Sections, Criticality Studies, and Uncertainty Quantification

Speaker
Christian Brazell

06:48–07:00

Stochastically Estimated Fission Yield Covariance Matrices

Speaker
Eric Matthews

07:00–07:12

Uncertainty Quantification for Phenomenological Optical Potentials

Speaker
Cole Pruitt

07:30

07:45

Covariances: II

Session | **Location:** Delta King | **Convener:** Kent Parsons

07:45–08:09

Impact of uncertainties on non-LWR reactivity analysis with ENDF/B-VII.0, ENDF/B-VII.1 and ENDF/B-VIII.0

Speaker
Friederike Bostelmann

08:09–08:21

Towards an ENDF/B-VIII.0-Based Processed Covariance Library at LANL

Speaker
Nathan Gibson

08:21–08:33

EMU: Evaluated Means and Uncertainties

Speaker
Kyle Wendt

08:33–08:45

Uncertainty Considerations that Impact the Use of Dosimetry Metrics in Modern Semiconductors

Speaker
Patrick Griffin

09:15

08:45–08:57 **Study of nuclear data measurement with covariances and uncertainty quantification**

Speaker
Mr Aman Gandhi