

ENDF/B-VIII.0: The makings of a modern nuclear data library

With the release of the new ENDF/B-VIII.0 library, we are now at the 8th generation of the US Evaluated Nuclear Data File ENDF/B. This library has been produced by the Cross Section Evaluation Working Group (CSEWG), a cooperative effort of the national laboratories, industry, and universities in the United States and Canada.

With respect to the previous ENDF/B-VII.1 release, the latest library adds a myriad of new things. For instance, the library now has incident neutron data for 557 nuclides with some of them using new formats, it offers 34 thermal scattering materials with new thermal scattering data for graphite, light and heavy water, etc.

In this session, we will focus the discussion on some of the work that goes into the creation of a nuclear data library, going from nuclear data measurements and evaluation to processing, benchmarking and application library deployment.



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SPECIAL SESSION: ENDF/B-VIII.0: The making of a modern nuclear data library

time TBD
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Drury Plaza Hotel
Santa Fe, NM, USA

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