ENSDF Modernization Workshop – 2021 Low Energy Community Meeting

Tuesday August 10th, 10:30 am (PDT) – 12:30 pm (CDT) – 1:30 pm (EST)

Title	Speaker	PDT	CDT	EST
Introduction to ENSDF modernization project	Libby McCutchan	10:30	12:30	13:30
ENSDF Database Redesign	Adam Hayes	10:50	12:50	13:50
Discussion on ENSDF	ALL	11:10	13:10	14:10
Nudat 3.0	Donnie Mason	11:20	13:20	14:20
Discussion on NuDat	ALL	11:35	13:35	14:35
Contributions				
ENSDF suggestions	Alex Brown	11:40	13:40	14:40
Fission yields in ENSDF	Andrea Mattera	11:45	13:45	14:45
Nuclear Data : A Primer	David Jenkins	11:50	13:50	14:50
Shiny Apps and Atomic Data	Ben Wallis	11:55	13:55	14:55

We are embarking on an exciting project to convert ENSDF (the Evaluated Nuclear Structure Data File) from its current 80-column ASCII format to a modern object-oriented database. As part of the Low Energy Community Meeting, we will be holding an "ENSDF Modernization" workshop to present the status of the project and gather your input and suggestions. The program will begin with brief talks giving an overview of the project and our progress to date. However, our main goal is to ensure all the nuclear data needs of the community will be incorporated into the new database.   Thus, we are asking for short contributions - 1 slide, 2-3 minutes in length – with suggestions on how to improve ENSDF. These could include, but are not limited to

- Data you would like to see evaluated which are currently not in the file
- New functionality in terms of searching or visualizing data
- Improvements to any current aspects of the file or web applications

ENSDF in its current form has served the community well for decades. We hope that you will join us in shaping this new format that will aid in low-energy nuclear physics research for many more decades.

We kindly ask that anyone interested in making a presentation email mccutchan@bnl.gov by August 5th. If you are unable to present at the workshop, we still welcome any suggestions or feedback via email.