



IAEA

Opening

Georg Schnabel



Meeting formalities

- Election of Chair and Rapporteur
- Adoption of Agenda
- Scope of the Meeting

Sessions

Tuesday

9:30 am – 12 pm | Nuclear Data Evaluation

1 pm – 5 pm | Nuclear Data Evaluation

Wednesday

9:30 am – 12 pm | Benchmarks

1 pm – 5 pm | Verification & Validation

Thursday

9:30 am – 12 pm | Information Technology

1 pm – 5 pm | Nuclear Data Needs

Friday

9:30 am – 2 pm | Discussions, Recommendations, Actions

<https://conferences.iaea.org/event/423/timetable/#all.detailed>

Recent library releases and publications



ELSEVIER



Available online at www.sciencedirect.com

ScienceDirect

Nuclear Data Sheets 193 (2024) 1–78

Nuclear Data
Sheets

www.elsevier.com/locate/nds

FENDL: A library for fusion research and applications

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The Fusion Evaluated Nuclear Data Library (FENDL) is a comprehensive and validated collection of nuclear cross section data coordinated by the International Atomic Energy Agency (IAEA) Nuclear Data Section (NDS). FENDL assembles the best nuclear data for fusion applications selected from available nuclear data libraries and has been under development for decades. FENDL contains sub-libraries for incident neutron, proton, and deuteron cross sections including general purpose and

Verification and Validation of the FENDL-3.2c library

Tim Bohm,^c Daniel L. Aldama,^b Georg Schnabel,^{*,a} Marco Fabbri,^d Sacrom Kwon,^f Davide Laghi,^d Andrej Trkov,^g and Alex Valentine^c

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Number of tables: 2

Number of figures: 16

Submitted to FST

Some discussion topics for the meeting

- . How to adopt and create evaluations
- . Selection of benchmarks for V & V
- . Data and code dissemination, development, governance
- . How to better engage with stakeholders
- . Practicalities of a major release

The Creative Act: A Way of Being

Try Everything

In creating art, the sum total of the parts often defies expectation. Theory and practice don't always line up. The formula that worked yesterday might not work tomorrow. The proven solutions are sometimes the least helpful.

There is a gap between imagination and reality. An idea might seem brilliant in our mind. But once employed, it might not work at all. Another might seem dreary at first. Then, upon execution, it might be exactly what's called for.

To dismiss an idea because it doesn't work in your mind is to do a disservice to the art. The only way to truly know if any idea works is to test it. And if you're looking for the best idea, test everything.

Rick Rubin

