# An update on the Nuclear Structure Experimental Issues website

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**IAEA**
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## INDC International Nuclear Data Committee

Summary Report of an IAEA Technical Meeting

**Co-ordination of the International Network of Nuclear
Structure and Decay Data Evaluators**

Lawrence Berkeley National Laboratory, Berkeley, USA
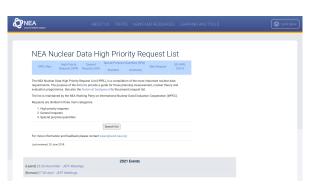
**22 – 26 May 2017**

| 28 | Experimental Activities Subcommittee | Dissemination of information - experimental activities website | Create website of high-priority nuclear structure and decay data measurements for information and guidance, based on recent mass chain and/or individual nuclide evaluations. See Section 4.3 for detailed description. |
|----|-----|-----|-----|

- 22nd Technical Meeting of the NSDD Network held at LBNL in Berkeley, California, USA, from May 22-26, 2017.
- Platform needed for users of nuclear structure data to raise issues and request improved data per *Action Item #28*.
- Develop and host interactive website at UC Berkeley.
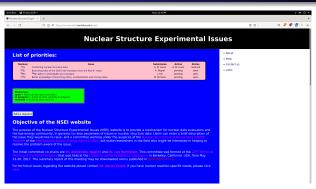
# Inspired by the High Priority Request List

- The NEA hosts the Nuclear Data High Priority Request List.
- An analogous website was considered useful for the nuclear structure community to raise issues and awareness.
- Originally to be called the *"High Priority Nuclear Structure Request List"*.
- Later decided on *"Nuclear Structure Experimental Issues"*.

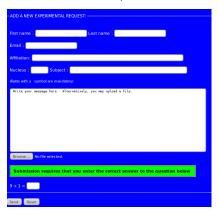# The Nuclear Structure Experimental Issues (NSEI) Website

- NSEI hosted on Apache 2.2.15 webserver on Centos6 platform running PHP 5.3.3 server-side scripts at UC Berkeley.

- Purpose of NSEI website is to provide mechanism for nuclear data evaluators and the low-energy community, in general, to raise awareness of issues in nuclear structure data.

- Types of requests and their status (open/progress/closed) can be monitored from the website.

# Using the website

### Add a request



### View an existing request



- All requests are moderated.
- Brief description of issue user wants to raise gets posted.
- A committee working under the auspices of the NSDD Network of the IAEA will assign the issue to experts in the field.

- Form submissions use CAPTCHA to reduce SPAM.
- Limited file-type submission (e.g., pdf, png, jpg) and size (2 Mb).

# Issues with the NSEI website

- Since implementation the idea never really gained traction.
- Is a resource of this type really needed by the nuclear structure and decay-data community?
- Website working fine prior to migration to a new server accompanied by a change in system administrators, around Fall 2021.
- Back up and running for around a year.
- Security compromise (Summer 2022) on campus server $\Rightarrow$ no longer support websites running PHP scripts on server hosting NSEI.
- Website is currently effectively defunct although an alternative [campus] solution could probably be accommodated.
- Do we want to resurrect this resource?