

Program

4–7 Apr 2022

NSDD Spring Meeting: Consultancy Meeting on ENSDF Evaluations, Policies and Procedures, Codes and Dissemination Tools

Virtual

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Monday 4 April

13:00

List of Actions, Reports

Session

13:00–13:10 **Welcome address**

Speakers

Arjan KONING, Paraskevi DIMITRIOU

13:10–14:00 **Review of List of Actions**

Speaker

Paraskevi DIMITRIOU

14:00–14:10 **IAEA update: databases, meetings, funding**

Speaker

Paraskevi DIMITRIOU

14:10–14:25 **Progress and prospects (JPN)**

Speaker

Hideki Iimura

14:25–14:35 **Status report (ROM)**

Speaker

Alexandru Negret

14:35–14:45 **Status report (BUL)**

Speaker

Stefan Lalkovski

14:45–14:55 **Status report (RUS)**

Speaker

Ivan Mitropolsky

14:55–15:00 **Break**

15:00–15:20 **Recent progress of the DDEP collaboration**

Speaker

Sylvain Leblond

15:20–15:40 **Status of AME/NUBASE**

Speaker

Filip Kondev

15:40–16:00 **Status of nuclear moments tables**

Speaker

Nick Stone

16:00

Tuesday 5 April

13:00

ENSDF and NSDD matters: mass chain/horizontal evaluations, policies, coordination etc Session

13:00–13:30 **Update on ENSDF, XUNDL, GitLab tracking system**

Speaker

Elizabeth Ricard-McCutchan

13:30–13:50

A brief comparison of 2001 and 2021: US effort as listed in USNDP work plans; net productivity in NSDD

Speaker

John Kelley

13:50–14:10 **Absolute intensities in decay data sets**

Speaker

Filip Kondev

14:10–14:30 **Miscellanea of an ENSDF evaluator (evaluation issues)**

Speaker

Ninel Nica

14:30–14:40 **Break**

14:40–15:00

Action #30, 2019 NSDD: Compilation of ENSDF policies adopted at previous NSDD meetings

Speaker

Shamsuzzoha Basunia

15:00–16:00 **Open discussion**

Speaker

John Kelley

16:00

Wednesday 6 April

13:00

Codes, evaluation and dissemination tools

Session

13:00–13:20

Latest developments in BetaShape (precise atomic screening and exchange; logft review with Balraj, Zuber and Turkat).

Speaker

Xavier Mougeot

13:20–13:50

Monte Carlo propagation of uncertainties - UncTools

Speaker

Tibor Kibedi

13:50–14:10

RULER codes: inter-comparison exercise

Speakers

Jun Chen, Tibor Kibedi

14:10–14:40

New developments for ENSDF evaluation tools

Speaker

Jun Chen

14:40–14:45

Break

14:45–15:00

Enhancing User Experience to Facilitate Nuclear Physics Research through NuDat

Speaker

Donnie Mason

15:00–15:20

IAEA DisseminationTools

Speaker

Marco Verpelli

15:20–15:40

ENDF Web interface to radioactive decay data. Status of EXFOR-NSR PDF database.

Speaker

Viktor Zerkin

15:40–16:00

A coincidence-decay database for in-field spectroscopy applications

Speaker

Aaron Hurst

16:00

Thursday 7 April

13:00

Technical reports

Session

13:00–13:20 Recent NSDD research at Jilin University

Speaker

Dong Yang

13:20–13:40

Extracting ground-state nuclear deformations from RHIC-BNL and LHC-CERN type of physics experiments

Speaker

Balraj Singh

13:40–14:00 Medical Radioisotopes Production Studies: ^{67}Cu Case (experimental)

Speaker

Ninel Nica

14:00

14:00

Drafting report

Session

15:00

15:00

In Memoriam: Murray Martin

Session

15:00–16:00 In Memoriam: Murray Martin

Speakers

Jagdish Tuli, Paraskevi DIMITRIOU

16:00