

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

Report of Contributions

Contribution ID: 1

Type: **not specified**

Status report (ROM)

Monday, 4 April 2022 14:25 (10 minutes)

Presenter: NEGRET, Alexandru (IFIN-HH)

Session Classification: List of Actions, Reports

Contribution ID: 2

Type: **not specified**

Status report (BUL)

Monday, 4 April 2022 14:35 (10 minutes)

Presenter: LALKOVSKI, Stefan (Univ. Sofia)

Session Classification: List of Actions, Reports

Contribution ID: 3

Type: **not specified**

Status report (RUS)

Monday, 4 April 2022 14:45 (10 minutes)

Presenter: MITROPOLSKY, Ivan (PNPI)

Session Classification: List of Actions, Reports

Contribution ID: 4

Type: **not specified**

Status of AME/NUBASE

Monday, 4 April 2022 15:20 (20 minutes)

Presenter: KONDEV, Filip (ANL)

Session Classification: List of Actions, Reports

Contribution ID: 5

Type: **not specified**

Recent progress of the DDEP collaboration

Monday, 4 April 2022 15:00 (20 minutes)

After several lean years, the DDEP collaboration has started a new cycle for the evaluation of decay data. The status of the collaboration will be presented and recent publications of new evaluations will be detailed. The ongoing work will be discussed, in particular the joint evaluation of Cs-137 being performed in collaboration with ENSDF. Finally, the outlook for the collaboration will be given, most notably regarding the training of new evaluators and the evolution of the software evaluation tool SAISINUC.

Presenter: LEBLOND, Sylvain (CLHNB-Saclay)

Session Classification: List of Actions, Reports

Contribution ID: 6

Type: **not specified**

Status of nuclear moments tables

Monday, 4 April 2022 15:40 (20 minutes)

Presenter: STONE, Nick

Session Classification: List of Actions, Reports

Contribution ID: 7

Type: **not specified**

Absolute intensities in decay data sets

Tuesday, 5 April 2022 13:50 (20 minutes)

Presenter: KONDEV, Filip (ANL)

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

Contribution ID: 8

Type: **not specified**

Systematics of charged radii

Presenter: MITROPOLSKY, Ivan (PNPI)

Session Classification: Technical reports

Contribution ID: 9

Type: **not specified**

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

Wednesday, 6 April 2022 13:00 (20 minutes)

Presenter: MOUGEOT, Xavier (CLHNB-Saclay)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 10

Type: **not specified**

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

Thursday, 7 April 2022 13:20 (20 minutes)

Presenter: SINGH, Balraj (McMaster Univ.)

Session Classification: Technical reports

Contribution ID: 11

Type: **not specified**

Monte Carlo propagation of uncertainties - UncTools

Wednesday, 6 April 2022 13:20 (30 minutes)

Presenter: KIBEDI, Tibor (ANU)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 12

Type: **not specified**

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

Tuesday, 5 April 2022 13:30 (20 minutes)

Presenter: KELLEY, John (TUNL)

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

Contribution ID: 13

Type: **not specified**

New developments for ENSDF evaluation tools

Wednesday, 6 April 2022 14:10 (30 minutes)

Presenter: CHEN, Jun (FRIB)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 14

Type: **not specified**

Review of List of Actions

Monday, 4 April 2022 13:10 (50 minutes)

Review of list of actions adopted at 23rd NSDD meeting held in Vienna in 2019 and published in INDC(NDS)-0783.

Presenter: DIMITRIOU, Paraskevi (International Atomic Energy Agency)

Session Classification: List of Actions, Reports

Contribution ID: 15

Type: **not specified**

Medical Radioisotopes Production Studies: ^{67}Cu Case (experimental)

Thursday, 7 April 2022 13:40 (20 minutes)

Presenter: NICA, Ninel

Session Classification: Technical reports

Contribution ID: 16

Type: **not specified**

Miscellanea of an ENSDF evaluator (evaluation issues)

Tuesday, 5 April 2022 14:10 (20 minutes)

Presenter: NICA, Ninel

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

Contribution ID: 17

Type: **not specified**

Recent NSDD research at Jilin University

Thursday, 7 April 2022 13:00 (20 minutes)

A brief review of NSDD related work in the last year, mainly concerning the decay data evaluation cooperation with CIAE and some systematic researches on half lives and ground-state spins.

Presenter: YANG, Dong (Jilin University)

Session Classification: Technical reports

Contribution ID: 18

Type: **not specified**

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

Tuesday, 5 April 2022 14:40 (20 minutes)

Presenter: BASUNIA, Shamsuzzoha

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

Contribution ID: 19

Type: **not specified**

Enhancing User Experience to Facilitate Nuclear Physics Research through NuDat

Wednesday, 6 April 2022 14:45 (15 minutes)

Presenter: MASON, Donnie (Brookhaven National Laboratory)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 20

Type: **not specified**

RULER codes: inter-comparison exercise

Wednesday, 6 April 2022 13:50 (20 minutes)

Presenters: CHEN, Jun (FRIB); KIBEDI, Tibor (ANU)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 21

Type: **not specified**

In Memoriam: Murray Martin

Thursday, 7 April 2022 15:00 (1 hour)

Presenters: TULLI, Jagdish; Dr DIMITRIOU, Paraskevi (International Atomic Energy Agency)

Session Classification: In Memoriam: Murray Martin

Contribution ID: 22

Type: **not specified**

IAEA Dissemination Tools

Wednesday, 6 April 2022 15:00 (20 minutes)

Presenter: VERPELLI, Marco (IAEA)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 23

Type: **not specified**

A coincidence-decay database for in-field spectroscopy applications

Wednesday, 6 April 2022 15:40 (20 minutes)

Presenter: HURST, Aaron

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 24

Type: **not specified**

IAEA update: databases, meetings, funding

Monday, 4 April 2022 14:00 (10 minutes)

Presenter: DIMITRIOU, Paraskevi (International Atomic Energy Agency)

Session Classification: List of Actions, Reports

Contribution ID: 25

Type: **not specified**

Open discussion

Tuesday, 5 April 2022 15:00 (1 hour)

Presenter: KELLEY, John

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

Contribution ID: 26

Type: **not specified**

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

Wednesday, 6 April 2022 15:20 (20 minutes)

Presenter: ZERKIN, Viktor (International Atomic Energy Agency)

Session Classification: Codes, evaluation and dissemination tools

Contribution ID: 27

Type: **not specified**

Progress and prospects (JPN)

Monday, 4 April 2022 14:10 (15 minutes)

Presenter: IIMURA, Hideki

Session Classification: List of Actions, Reports

Contribution ID: 28

Type: **not specified**

Welcome address

Monday, 4 April 2022 13:00 (10 minutes)

Presenters: KONING, Arjan (IAEA); Dr DIMITRIOU, Paraskevi (International Atomic Energy Agency)

Session Classification: List of Actions, Reports

Contribution ID: 29

Type: **not specified**

Update on ENSDF, XUNDL, GitLab tracking system

Tuesday, 5 April 2022 13:00 (30 minutes)

Presenter: RICARD-MCCUTCHAN, Elizabeth

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