

**Technical Meeting on the
International Network of Nuclear Reaction Data Centres
17 – 20 June, 2025, Madrid, Spain**

Meeting Room: Department Nuclear Engineering/Instituto de Fusion Nuclear 2nd floor,
Universidad Politécnica de Madrid

AGENDA (Draft, ver. 2025-06-16)
(Coffee break as appropriate; cafeteria reserved for us at 13:00)

Tuesday, 17 June 2025

9:30 – 12:30 (CET)

1 Opening Items

1.1	Welcome address	10 min		A. Koning
1.2	Welcome address from UPM	15 min		E. Gallego P. Velarde J.M. Perlado
1.3	Announcement	5 min		S. Elias O. Cabellos
1.4	Contribution of Spain to nuclear data	30 min		D. Cano-Ott
1.5	Election of chairperson, adoption of the agenda, announcements	5 min		N. Otsuka

2 Progress Reports

2.1	UkrNDC	10 min	P2025-01	O. Gritzay
2.2	JCPRG	10 min	P2025-02	M. Aikawa
2.3	CNPD	10 min	P2025-03	S. Taova
2.4	NDS	10 min	P2025-04	A. Koning
2.5	CDFE	10 min	P2025-05	V. Varlamov
2.6	IAEA	10 min	P2025-06	O. Iwamoto
2.7	KNDC	10 min	P2025-07	D.H. Kim
2.8	NDPCI	10 min	P2025-08	D. Raj

145 min

14:00 – 17:00 (CET)

2 Progress Reports (cont.)

2.9	CJD	10 min	P2025-09	D. Gremyachkin
2.10		10 min		
2.11		10 min		
2.12		10 min		
2.13		10 min		

3. General, EXFOR General

3.1	Other actions (A1)	10 min	WP2025-01	Chairperson
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4 EXFOR Statistics and Coverage

4.1	Transmission statistics since the last	10 min	WP2025-02	
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	NRDC meeting				
4.2	Status of new article compilation (A2)	10 min	WP2025-03	N. Otsuka	
4.3	Analysis of EXFOR compilation statistics for new articles (A2)	30 min	WP2025-04	S. Dunaeva	
4.4	Time interval between submission of preliminary and final tapes	10 min	WP2025-05	N. Otsuka	
4.5	New publications scanned by NDS and other centres	10 min	WP2024-06	N. Otsuka	
4.6	Progress in correction of items on Feedback List (A3)	10 min	WP2024-07	N. Otsuka	

140 min

Wednesday, 18 June 2025

9:00 – 12:30 (CET)

5 Manual and Dictionary

5.1	Revised Formats Manual, LEXFOR, Dictionary Manual (A5-A7) (CP-D/1136)	20 min	WP2025-08	N. Otsuka	
5.2	Clarification of EXFOR Formats Manual “Covariance data format”	10 min	WP2025-09	N. Otsuka	
5.3	Revision of LEXFOR “Transmission and Reaction Yield” (CP-D/1137)	20 min	WP2025-10	N. Otsuka	
5.4	Dictionary for ISSN identifiers (CP-D/1120)	20 min	WP2025-11	N. Otsuka	
5.5	Proposal for creating a new code for a new nuclear reaction channel with bound dineutron escape	20 min	WP2025-12	O. Gritzay	
5.6	Other actions (A4, A8-A11)	10 min	WP2025-01	Chairperson	

6 CINDA

6.1	Other actions (A12-A13)	10 min	WP2025-01	Chairperson	
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7 EXFOR Compilation Needs

7.1	Data received at NDS for compilation by responsible centres	10 min	WP2025-13	N. Otsuka	
7.2	Compilation of articles with priority (A14-A19)	10 min	WP2025-14	N. Otsuka	
7.3	Compilation of articles from completeness checking (A20-A24)	10 min	WP2025-15	N. Otsuka	
7.4	Other actions (A25-A27)	10 min	WP2025-01	Chairperson	

8 EXFOR Quality Control

8.1	Duplication (A28)	10 min	WP2025-16	N. Otsuka	
8.2	Pending corrections (A29-A41)	10 min	WP2025-17	N. Otsuka	

170 min

14:00 – 17:00 (CET)**8 EXFOR Quality Control**

8.3	EXFOR source documents for better traceability	30 min		S. Dunaeva
8.4	REACTION codes of $^{89}\text{Y}(\text{p},\text{n})^{89}\text{Zr}$ and $^{89}\text{Y}(\text{d},2\text{n})^{89}\text{Zr}$ datasets (CP-D/1116)	20 min	WP2025-18	N. Otsuka
8.5	Erroneous DOI coded following #doi: (CP-D/1121)	10 min	WP2025-19	N. Otsuka
8.6	Automatic identification of DOI for primary references by REFDOI (CP-D/1124)	20 min	WP2025-20	N. Otsuka
8.7	Format errors (opening parenthesis of free text at col. 12 etc.) (CP-D/1125)	20 min	WP2025-21	N. Otsuka
8.8	Zero and negative values coded under the headings PARITY, EN, ERR-T and DATA-ERR in the EXFOR library (NRDC2024 A47) (4C-4/0242)	20 min	WP2025-22	M. Mikhailiukova
8.9	Correction of datasets having zero values (CP-D/1126)	20 min	WP2025-23	N. Otsuka
8.10	Correction of datasets having zero values for area 3, D, G and V entries (CP-D/1127)	10 min	WP2025-24	N. Otsuka

150 min

20:00 or 20:30 –

Social event (“Panamera Madrid”, Calle Fernández de la Hoz, 57, 28003 Madrid. 15 min walk from the meeting room)

Thursday, 19 June 2025**9:00 – 12:30 (CET)****8 EXFOR Quality Control (cont)**

8.11	Partial scattering quantity expressed by REACTION sum (CP-D/1130)	20 min	WP2025-25	N. Otsuka
8.12	Other actions (A42-A47)	10 min	WP2025-01	Chairperson

9 EXFOR Coding Rule

9.1	Compilation of parameter covariances and sensitivity	20 min	WP2025-26	N. Otsuka
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	coefficients (CP-D/1129)			
9.2	Use of M+ to short lived ground state production cross sections (CP-D/1131)	20 min	WP2025-27	N. Otsuka
9.3	Activation cross sections for production of ¹⁶⁶ Ho, ¹⁸⁰ Ta, ¹⁸⁶ Re and ²¹⁰ Bi (CP-D/1132)	20 min	WP2025-28	N. Otsuka
9.4	EXFOR Formats Manual Chapter 7 “EXP-YEAR” (CP-D/1133)	20 min	WP2025-29	N. Otsuka
9.5	Incident energies coded for ²³⁸ U(n,f) FPY datasets (CP-D/1139)	10 min	WP2025-30	N. Otsuka
9.6	Some proposals on coding of characteristic energy of spectrum (CP-D/1138)	10 min	WP2025-31	N. Otsuka
9.7	Other actions (A48)	10 min	WP2025-01	Chairperson
10	Tools for Compilation and Dissemination			
10.1	General-purpose “EXFOR-driver”: tasks, approach and implementation	40 min		V. Zerkina

180 min

14:00 – 17:00 (CET)

10	Tools for Compilation and Dissemination (cont.)			
10.2	x4i	10 min		D. Brown
10.3	NSR	30 min		D. Brown
10.4	Some user' feedbacks and potential new demands	40 min		O. Cabellos
10.5	Production of EXFOR Entry Files and EXFOR Master Files with ForEXy codes (A75)	20 min		N. Otsuka
10.6	J4 Editor: A new editor for EXFOR data Compilation using GUI Toolkit	10 min		M. Aikawa
10.7	Version controlled EXFOR Entry Files on NRDC GitHub (A76)	10 min	WP2025-32	N. Otsuka
10.8	How to deposit your files to NRDC GitHub	10 min	WP2025-33	N. Otsuka

140 min

Friday, 20 June 2025

9:00 – 12:00 (CET)

10 Tools for Compilation and Dissemination (cont.)

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| 10.9 | New features in X4Pro, X5.json and X4+ | 20 min | | V. Zerkina |
| 10.10 | Exfor workflow and distribution modernization | 20 min | | J. Sprenger |
| 10.11 | Other actions (A49-A74) | 10 min | WP2025-01 | Chairperson |

11. Other Business

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|------|---|--------|-----------|----------------|
| 11.1 | WPEC SG54 “Developing an automatically readable, comprehensive, and curated experimental reaction database” | 30 min | | B. Pritychenko |
| 11.2 | 12th Workshop on Asian Nuclear Reaction Database Development (AASPP2025) | 10 min | | M. Aikawa |
| 11.3 | NRDC distribution lists | 5 min | WP2025-34 | N. Otsuka |

12. Closing

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| 11.1 | Dates and places of next meetings | 10 min | | N. Otsuka |
| 11.2 | Review of Conclusions and Actions | 60 min | | Chairperson |

155 min