

Active Neutron Non-destructive Analysis Technology Development Workshop



JAEA Tokai Mirai Base

16 – 18 March 2026



Program

Monday, 16 March

Time	Topic	
09:00 – 09:15	Registration	
09:15 – 09:20	Opening Remarks	ISCN - Director Naoko Inoue
09:20 – 09:30	Workshop introduction	ISCN - Fabiana Rossi
09:30 – 10:00	History of the Active NDA Project	ISCN - Mitsuo Koizumi
10:00 – 10:25	Overview of Past Active Neutron Research	JAEA - Harufumi Tsuchiya
10:25 – 10:45	Break	
10:45 – 11:10	NRTA Using a Laser-Driven Neutron Source	ISCN - Kota Hironaka
11:10 – 11:35	Delayed Gamma Ray Spectroscopy	ISCN - Douglas Chase Rodriguez
11:35 – 12:00	Development in NDA Technologies at the JRC	EC-JRC - Peter Schillebeeckx
12:00 – 13:00	Lunch Break	
13:00 – 14:20	<u>Review: Neutron Resonance Analysis (NRA)</u>	JAEA - Harufumi Tsuchiya, Cebastien Joel Guembou
14:20 – 14:40	Break	
14:40 – 16:00	<u>Review: Neutron Resonance Fission Neutron Analysis (NRFNA)</u>	ISCN - Fabiana Rossi, Jaehong Lee
16:00 – 17:30	Evaluation	Evaluators, ISCN - Fabiana Rossi, Tomooki Shiba
17:30	Closing of Day 1	

Tuesday, 17 March

Time	Topic	
施設見学		
09:00 – 09:30	Move from Tokai Mirai Base to Nuclear Science Research Institute	ISCN - Jaehong Lee, Kota Hironaka
09:30 – 10:00	<u>Review</u> : Visit the NRA System	JAEA - Harufumi Tsuchiya, Cebastien Joel Guembou
10:00 – 10:30	<u>Review</u> : Visit the NRFNA system	ISCN - Jaehong Lee, Fabiana Rossi
10:30 – 11:00	Move back to Tokai Mirai Base	ISCN - Jaehong Lee, Kota Hironaka
11:00 – 12:00	Evaluation (continued)	Evaluators、 ISCN - Fabiana Rossi, Tomooki Shiba
12:00 – 13:00	Lunch Break	
13:00 – 14:00	Feedback Session	Evaluators、 ISCN - Fabiana Rossi, Tomooki Shiba
14:00 – 14:25	Participant Presentation (1)	TBD
14:25 – 14:50	Participant Presentation (2)	TBD
14:50 – 15:15	Participant Presentation (3)	TBD
15:15 – 15:35	Break	
15:35 – 16:00	Participant Presentation (4)	TBD
16:00 – 16:25	Participant Presentation (5)	TBD
16:25 – 16:50	Activities at the Nuclear Data Center	JAEA - Gerard Rovira Leveroni
17:00	Closing of Day 2	
18:00	Non host dinner (registration needed)	

Wednesday, 18 March *

Time	Topic	
09:00 – 10:30	*REFIT Theory	EC-JRC - Peter Schillebeeckx
10:30 – 11:00	Break	
11:00 – 12:00	REFIT Input File Practice	JAEA - Gerard Rovira Leveroni EC-JRC - Peter Schillebeeckx
12:00 – 13:00	Lunch Break	
13:00 – 16:30	REFIT Practice (continued)	JAEA - Gerard Rovira Leveroni EC-JRC - Peter Schillebeeckx
16:30 – 17:00	Summary	ISCN – Fabiana Rossi
17:00	Closing Remarks	ISCN – Tomoki Yamaguchi

* REFIT code license should be obtained prior to this day (<https://www.oecd-neo.org/tools/abstract/detail/nea-0914/>)

Please note that the agenda may be subject to change.