

TENTATIVE AGENDA
FOLLOW-UP TRAINING COURSE ON REACTOR ENGINEERING AND SAFETY: HIGH
TEMPERATURE GAS-COOLED REACTOR
2026

Day 1 (18 May 2026)

Time	Topic	PIC
07.45 – 08.30	Opening Ceremony	BRIN & JAEA
08.30 – 09.15	Pre-test & Training Overview	BRIN & JAEA
09.15 – 09.30	BREAK	
09.30 – 11.00	L1: Nuclear Power Plant Regulation in Indonesia: HTGR Licensing	Nur Syamsi Syam, BAPETEN
11.00 – 11.45	L2: Overview of Nuclear Reactor Physics and Kinetics	Rio Natanael, BRIN
11.45 – 12.45	LUNCH BREAK	
12.45 – 13.30	L2: Overview of Nuclear Reactor Physics and Kinetics	Rio Natanael, BRIN
13.30 – 14.15	L3: Overview of Nuclear Reactor Thermal Hydraulic	Andi Sofrany Ekariansyah, BRIN
14.15 – 14.30	BREAK	
14.30 – 16.00	L3: Overview of Nuclear Reactor Thermal Hydraulic	Andi Sofrany Ekariansyah, BRIN

Day 2 (19 May 2026)

Time	Topic	PIC/ Facilitator/ Institution
07.45 – 09.15	L4: Types and Development of SMR and HTGR	Kunihiko Nabeshima, JAEA
09.15 – 09.30	BREAK	
09.30 – 11.45	L5: Nuclear Reactor Safety: Deterministic and Probabilistic Analysis	D.T. Sony Tjahyani, BRIN
11.45 – 12.45	LUNCH BREAK	
12.45 – 14.15	L6: Basic Concept of Nuclear Reactor Safety	Sutanto, BRIN
14.15 – 14.30	BREAK	
14.30 – 16.00	L7: Nuclear Reactor Fuel Cycle	Ganisa Kurniati Suryaman, BRIN

Day 3 (20 May 2026)

Time	Topic	PIC/ Facilitator/ Institution
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07.45 – 09.15	L8: Core Characteristic and Thermal Hydraulic Aspects of Prismatic	Yosuke Sakurai, JAEA
09.15 – 09.30	BREAK	
09.30 – 11.45	L9: Core Characteristic and Thermal Hydraulic Aspects of Pebble Bed	Nuri Trianti, BRIN
11.45 – 12.45	LUNCH BREAK	
12.45 – 14.15	L10: Utilization of HTGR Heat Production	Andi Sofrany Ekariansyah, BRIN
14.15 – 14.30	BREAK	
14.30 – 16.00	L11: Safety Analysis of Pebble Bed (Safety system, initiating event, accident scenario)	Surip Widodo, BRIN

Day 4 (21 May 2026)

Time	Topic	PIC/ Facilitator/ Institution
07.45 – 09.15	L12: Safety Analysis of Prismatic (Safety system, initiating event, accident scenario)	Yosuke Sakurai, JAEA
09.15 – 09.30	BREAK	
09.30 – 11.45	E1: Code and Simulation on Pebble Bed Reactor	Kiswanta, BRIN
11.45 – 12.45	LUNCH BREAK	
12.45 – 14.15	E1: Code and Simulation on Pebble Bed Reactor	Kiswanta, BRIN
14.15 – 14.30	BREAK	
14.30 – 16.00	E1: Code and Simulation on Pebble Bed Reactor	Kiswanta, BRIN

Day 5 (22 May 2026)

Time	Topic	PIC/ Facilitator/ Institution
07.45 – 09.15	Presentation	Kiswanta, Andi Sofrany E-BRIN
09.15 – 09.30	BREAK	
09.30 – 10.15	Presentation	Kiswanta, Andi Sofrany E-BRIN
10.15 – 11.00	Discussion	JAEA, BRIN
11.00 – 12.45	LUNCH BREAK	Organizing Committee
12.45 – 13.30	Post Test	Organizing Committee
13.30 – 14.15	Talent Management Program	Directorate for Talent Management

Time	Topic	PIC/ Facilitator/ Institution
14.15 – 14.30	BREAK	
14.30– 15.15	Course Evaluation	Organizing Committee
15.15 – 16.00	Closing	BRIN & JAEA