

Serpent-2 training course
14-17 November 2023
Nuclear Energy Agency, Paris, France

Tentative Agenda

Start	End	Day 1_ Tuesday 14 November
09:00	09:30	Arrival
09:30	09:35	Welcome
09:35	10:20	Introduction to Serpent and its capabilities
10:20	10:35	Coffee-break
10:35	11:20	Input syntax and nuclear data
11:20	12:00	Material definitions
12:00	13:00	Lunch
13:00	13:50	Basic geometry and plotting
13:50	14:40	Criticality calculations
14:40	14:00	Coffee-break
15:00	16:00	Practice session

Start	End	Day 2_ Wednesday 15 November
09:00	09:50	Advanced geometry
09:50	10:40	Advanced geometry
10:40	11:00	Coffee-break
11:00	12:00	Detectors and mesh detectors
12:00	13:00	Lunch
13:00	13:50	Post-processing and analysis
13:50	14:40	Practice session
14:40	15:00	Coffee-break
15:00	16:00	Practice session
19:00		Social event/dinner

Start	End	Day 3_ Thursday 16 November
09:00	09:50	Visualization of results with mesh plots
09:50	10:40	Multi-group cross section generation
10:40	11:00	Coffee-break
11:00	12:00	Burnup calculations
12:00	13:00	Lunch
13:00	13:50	Burnup calculations
13:50	14:40	Practice session
14:40	15:00	Coffee-break
15:00	16:00	Practice session

Start	End	Day 4_ Friday 17 November
09:00	09:50	Final assignment
09:50	10:40	Final assignment
10:40	11:00	Coffee-break
11:00	12:00	Wrap-up and course conclusion
12:00	13:00	Lunch