

FISPACT-II
20-22 June 2023
Nuclear Energy Agency, Paris, France

Tentative Agenda

Day one: 9:00-12:00, 14:00-17:00

- **Session 1**
 - Introduction to FISPACT-II: An advanced simulation platform for nuclear observables
 - Demo: construction of basic input file & use on different operating systems
- **Session 2**
 - Usage example: waste/activation assessment
 - Demo: introduction to FISPACT-II API

Day Two: 9:00-12:00, 14:00-17:00

- **Session 3**
 - Usage example: decay-heat validation with uncertainties
 - Demo: nuclear data source selection & application to experimental comparison; uncertainty quantification
- **Session 4**
 - Case study: Self-shielding & spatial variation – tungsten in fusion
 - Demo: self-shielding & transmutation

Day Three: 9:00-12:00, 14:00-17:00

- **Session 5**
 - Advanced application: an introduction to the calculation of shutdown dose rates
 - Demo: advanced operational scenarios using pulses
 - Demo: Pathway analyses
- **Session 6**
 - Open question and feedback

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