

AGENDA

Date: 04.12.19 ~ 06.12.19

Location: Technical University of Munich, Garching
Engineering building (The detailed location will be informed later.)

DAY 1	
10:00 – 13:00	Technical tour: FRMII (20MW research reactor)
13:00 – 14:00	Lunch break
14:00 – 16:00	Introduction to uncertainty analysis in nuclear safety
16:00 – 16:30	Coffee break
16:30 – 18:00	Introduction to the methodology of uncertainty propagation

DAY 2	
09:00 – 10:30	Introduction to the methodology of sensitivity analysis
10:30 – 11:00	Coffee break
11:00 – 12:30	UP and SA under the condition of neutron flux oscillation
12:30 – 13:30	Lunch break
13:30 – 15:00	Hands-on-Training: Introduction to the preceded works
15:00 – 15:30	Coffee break
15:30 – 18:00	Hands-on-Training: Uncertainty propagation & Sensitivity analysis <ul style="list-style-type: none"> • Understanding the input data and preparing the input matrices • Checking the uncertainty range of the output data • Calculating the sensitivity indices

DAY 3	
09:00 – 10:30	UP and SA under the thermal-hydraulic transients
10:30 – 11:00	Coffee break
11:00 – 12:30	Hands-on-Training: Uncertainty propagation
12:30 – 13:30	Lunch break
13:30 – 15:00	Hands-on-Training: Sensitivity analysis

Registration (until 30.11.2019):

Per e-mail (soobeen.yum@tum.de) with following information: name, address, contacting information (e-mail, telephone number) and passport number (only for the people visiting FRMII)

Note:

- 1) The maximum number of participants is limited to 20.
- 2) It is recommended to bring his/her own laptop where the Matlab is installed.
- 3) Lunch is not provided, everyone should pay his/her own meal.
- 4) Participation in technical tour is voluntary.