

# Innovative Nuclear Systems

April 7-10, 2025

KIT, Kaiserstraße 12, 76131 Karlsruhe, Germany

## Agenda

<b>1<sup>st</sup> Day (Monday, April 7<sup>th</sup>, 2025)</b>		
09:00 – 12:00	Fundamentals	Xu Cheng (KIT)
12:00 – 13:30	Lunch break	
13:30 – 16:30	GEN-III Reactors	Xu Cheng (KIT)

  

<b>2<sup>nd</sup> Day (Tuesday, April 8<sup>th</sup>, 2025)</b>		
09:00 – 12:00	Small Modular Reactors, Dedicated Codes	Andreas Wielenberg (GRS)
12:00 – 13:30	Lunch break	
13:30 – 16:30	Sodium Fast Reactor, Fuel Cycle	Akihiro Uchibori (JAEA)

  

<b>3<sup>rd</sup> Day (Wednesday, April 9<sup>th</sup>, 2025)</b>		
09:00 – 12:00	Molten Salt Reactor	Chong Zhou (CAS/SINAP)
12:00 – 13:30	Lunch break	
13:30 – 16:30	Nuclear Power Systems for Space Exploration, ADS, Partitioning and Transmutation	Daniel Freis (JRC)

  

<b>4<sup>th</sup> Day (Thursday, April 10<sup>th</sup>, 2025)</b>		
09:00 – 12:00	Fusion	Aurelian F. Badea (KIT)
12:00 – 13:30	Lunch break	
13:30 – 16:30	Tour: Fusion and Sodium Installations at KIT	(KIT)