



# ANIMMA 2025

## Tuesday, June 10, 2025

### #05 - Nuclear Power Reactors and Nuclear Fuel Cycle - Room 3 (4:20 PM - 4:45 PM)

time	[id] title	presenter
4:20 PM	[34] #5-34 CeBr3 gamma-ray logging probe qualification for uranium mining applications	MARCHAIS, Thomas
4:25 PM	[80] #5-80 Recent Structural Health Monitoring Developments at Idaho National Laboratory	DAW, Joshua
4:30 PM	[118] #5-118 Improvement of the high-temperature performance of multi-element ultrasonic transducers	Mrs MOISSON, Hauriann
4:35 PM	[149] #5-149 Evaluation of high temperature tolerance of BGaN detectors for in-core nuclear instrumentation systems for high temperature gas-cooled reactors	NAKANO, Takayuki
4:40 PM	[204] #5-204 Different Approach Method for RCS Flow Rate Measurement to be Used in i-SMR	BAE, Sanghoon

# Wednesday, June 11, 2025

## #05 - Nuclear Power Reactors and Nuclear Fuel Cycle - Room 1 (4:35 PM - 5:15 PM)

time	[id] title	presenter
4:35 PM	[151] #5-151 Evaluation of Starlite Survey Meter Against Spectroscopy Measurements in CANDU Neutron Fields	ATANACKOVIC, Jovica
4:40 PM	[209] #5-209 Fast neutron imaging using D-D generator and plastic scintillator.	RÉVAL, Filip
4:45 PM	[211] #5-211 Digital Excore Channel based on TXS Platform – An Overview	KONRAD, Patrick
4:50 PM	[220] #5-220 Recommissioning, calibration and numerical simulation of a passive neutron counter	Mr ROUSSEAU, Guillaume Mr VOISIN, Loïc
4:55 PM	[252] #5-252 Advancing Uranium Hexafluoride Conversion: Machine Intelligence in the Integrated Dry Route Process	BANDALA, Manuel
5:00 PM	[254] #5-254 Experimental Study and Modeling of Cation Diffusion during MOX Sintering: Influence of Manufacturing Parameters	OUHAMMOU, Ahmed
5:05 PM	[295] #5-295 Determination Of The Rate Of Corrosion Of Heat-Emitting Elements On A Rotating Disc Electricity By The Potentiometric Method	KUSTOV, Maksym
5:10 PM	[300] #5-300 Inspection challenges of spent fuel storage casks	CASAREJOS, Enrique

# Thursday, June 12, 2025

## **#05 - Nuclear Power Reactors and Nuclear Fuel Cycle - Room 1 (11:20 AM - 12:40 PM)**

time	[id] title	presenter
11:20 AM	[70] #5-70 Discrimination of plutonium and curium in passive neutron multiplicity counting with PVT plastic scintillators	Dr BOTTAU, Vincent
11:40 AM	[135] #5-135 Nondestructive volumetric examination of irradiated tristructural isotropic (TRISO) fuels using X-ray computed tomography	Dr CHUIRAZZI, William
12:00 PM	[193] #5-193 Detection of 2.223 MeV $\gamma$ Rays for Water Identification in Spent Nuclear Fuel Assemblies	FOLLEY, Damilola
12:20 PM	[225] #5-225 Shortwave infrared hyperspectral imaging for analysis of simulated spent nuclear fuel	DUNPHY, R. David

## **#05 - Nuclear Power Reactors and Nuclear Fuel Cycle - Room 1 (2:00 PM - 3:40 PM)**

time	[id] title	presenter
2:00 PM	[222] #5-222 Hot Combo: A measurement device for B10 in samples with $T \gg 100^\circ\text{C}$	Dr GUETTLER, Andreas
2:20 PM	[14] #5-14 Improvements of gamma radiotracer measurements and modelization on the Colentec loop in Cadarache for the quantified analysis of the clogging phenomena in Steam Generators	Dr LOUBET, Laurent
2:40 PM	[143] #5-143 Rising Edge Pulse Shape Discrimination in Ultrathin YAG:Ce Scintillators	Dr FONDEMENT, Valentin
3:00 PM	[49] #5-49 Effect of turbulence on ultrasound propagation for vibration measurements of PWR assemblies in the HERMES P loop of the POSEIDON platform.	PAVEYRANNE, Aubin
3:20 PM	[38] #5-38 Benchmark between MCNP and PHITS for passive and active neutron measurement simulations	Dr BEN MOSBAH, Mehdi

# Friday, June 13, 2025

## #05 - Nuclear Power Reactors and Nuclear Fuel Cycle - Room 3 (9:20 AM - 11:00 AM)

time	[id] title	presenter
9:20 AM	[277] #5-277 Reactor Core Instrumentation - From the principle design to installation and operation in nuclear power plants	JASPER, Heiko
9:40 AM	[140] #5-140 Reactor power monitoring for advanced reactors	CALDERONI, Patrrick
10:00 AM	[210] #5-210 Excore Measurement in the European pressurized water reactor (EPR)- An Overview	KONRAD, Patrick
10:20 AM	[253] #5-253 Westinghouse eVinci™ Microreactor Heat Pipe Flow Monitoring System	KINZLER, Greg
10:40 AM	[50] #5-50 Experimental and numerical examination of different springs dimensions for non-destructive measurement of the internal pressure and composition of PWR fuel rods	AYACHE, Diba