

Session Program

Sep 25 - 29, 2023



H2020 ARIEL Hands-on school on nuclear data from Research Reactors

Flash presentation of the participants

Budapest, Hungary

Centre for Energy Research, KFKI Campus, and Budapest University of Technology and Economics

Tue, September 26

9:00 AM

Flash presentation of the participants: Flash presentations 1 (6 x 15 min)

Session |

Location: Budapest, Hungary, Centre for Energy Research, KFKI Campus, and Budapest University of Technology and Economics

9:00 – 9:15 AM **Short ABSTRACT of Participant's research field**

Speaker

Milos Travar

9:15 – 9:30 AM

Development of a Time-Dependent Random Ray Method for High-Accuracy Neutron Flux Simulations

Speaker

Maximilian Kraus

9:30 – 9:45 AM

Four Dimensional Isotope Tracking with the N4DP Instrument at MLZ

Speaker

Robert Neagu

9:45 – 10:00 AM

A New Irradiation Workbench Enabling Quantitative Measurements in the Fast and Thermal Neutron and Photon Field of a Polyethylene Shielded Americium-Beryllium Source

Speaker

Vincent Melzer

10:00 – 10:15 AM

Nuclear data measurement using accelerator-based neutron sources

Speaker

Dr Aman Gandhi

10:15 – 10:30 AM

Comprehensive Review and Application of Neutron Activation Analysis for Elemental Concentration Analysis of Coffee Samples

Speaker

Ms Tran Canh Hai Nguyen

10:30 AM

11:00 AM

Flash presentation of the participants: Flash presentations 2 (5 x 15 min)

Session |

Location: Budapest, Hungary, Centre for Energy Research, KFKI Campus, and Budapest University of Technology and Economics

11:00 – 11:15 AM

Development of Experimental Methods for Investigating Innovative Approaches to Nuclear Waste Management and to Nuclear Safety

Speaker

Marco Viebach

11:15 - 11:30 AM

Development and characterization of a novel single plane Compton gamma camera

Speaker

Mr Om prakash Dash

11:30 - 11:45 AM

$^{50,53}\text{Cr}$ (n, γ) cross section measurement

Speaker

Pablo Perez Maroto

11:45 AM - 12:00 PM

NIRR-1'S FUEL ODYSSEY: EXPLORING BURNUP ESTIMATES, DECOMMISSIONING PLANS, AND RADIOACTIVE WASTE MANAGEMENT

Speaker

Dennis Solomon

12:00 - 12:15 PM

Efficiency Calibration of a Large Volume Well-Type HPGe Detector

Speaker

Judith Dembo

12:15 PM