

Session Program

25-29 Sept 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

Tuesday 26 September

09:00

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

09:00–09:15

Short ABSTRACT of Participant's research field

Speaker

Milos Travar

09:15–09:30

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

Speaker

Maximilian Kraus

09:30–09:45

Four Dimensional Isotope Tracking with the N4DP Instrument at MLZ

Speaker

Robert Neagu

09:45–10:00

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

Nuclear data measurement using accelerator-based neutron sources

Speaker

Dr Aman Gandhi

10:15–10:30

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

Speaker

Ms Tran Canh Hai Nguyen

10:30

11:00

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

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

Speaker

Marco Viebach

11:15-11:30

Development and characterization of a novel single plane Compton gamma camera

Speaker

Mr Om prakash Dash

11:30-11:45

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

Speaker

Pablo Perez Maroto

11:45-12:00

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

Speaker

Dennis Solomon

12:00-12:15

Efficiency Calibration of a Large Volume Well-Type HPGe Detector

Speaker

Judith Dembo

12:15