

Session Program

Jun 7 - 11, 2026

ICDA-5

Radiation detection and spectrometry

Prague, Czechia, CTU in Prague, Faculty of Nuclear Sciences and Physical Engineering
Břehová 78/7 115 19 Prague 1 Czech Republic GPS. 50.0910372N, 14.4163028E

Mon, June 8

2:00 PM

Radiation detection and spectrometry

Session | **Location:** Auditorium 103, Břehová 7, Prague 1

2:00 – 2:15 PM

Discovery of Hidden Satellites Using Binary Data Splicing and XR-HERFD

Speaker

Ramesh Rijal

2:15 – 2:30 PM

Flux-grown Doped Al₂O₃ Crystals for TL/OSL Dosimetry and Particle Track Detection

Speakers

Cristiana Magalhães Correia Rodrigues, Dr João Gentil Saraiva

2:30 – 2:45 PM

Implementation of a Real-time Pulse Pileup Correction Algorithm for High Rate Gamma Spectroscopy

Speaker

Kostandinos Gianicos

2:45 – 3:00 PM

Confocal XRF Depth Profiling with a Spectrometric Pixel Detector

Speaker

Pavel Novotný

3:00 – 3:15 PM

Enhancing β -Yield of activation samples

Speaker

Pia Kahle

3:15 – 3:30 PM

Indirect Ionizing Radiation Detection via Infrared Optical Conversion

Speaker

Saqr Alshogeathri

3:30 PM

Wed, June 10

2:00 PM

Radiation detection and spectrometry

Session | **Location:** Auditorium 103, Břehová 7, Prague 1

2:00 – 2:15 PM

Novel Area Monitor for High-Repetition-Rate Spectrometry of Pulsed Radiation Fields

Speaker

Benoit Lefebvre

2:15 – 2:30 PM

Alpha-particle and photon excited amplitude spectra of InGaN/GaN MQWs and their light yield

Speaker

Petr Průša

2:30 – 2:45 PM

Advancing Photon Dosimetry with Tissue-Equivalent Organic Scintillators from 15 keV to 7 MeV

Speaker

Thomas Kormoll

2:45 – 3:00 PM

Evaluation of passive dosimeters response in high-energy radiotherapy beams

Speaker

Ms Ema-Nicoleta Adam

3:00 – 3:15 PM

Performance evaluation of different active neutron detectors measuring $H^*(10)$ in a proton therapy facility

Speakers

Josep M Martí-Climent, Carles Domingo

3:15 – 3:30 PM

Neutron spectrometry at the Clinica Universidad de Navarra proton therapy treatment room

Speaker

Carles Domingo

3:30 PM

Thu, June 11

2:00 PM

Radiation detection and spectrometry

Session | **Location:** Auditorium 103, Břehová 7, Prague 1

2:00 - 2:15 PM

Development and Characterization of a Compact Beta Spectrometer

Speaker

Benjamin Dyer

2:15 - 2:30 PM

The influence of LET in the EPR /alanine dosimeters: an investigation using spectrum decomposition

Speaker

Dr Alvaro de Farias Soares

2:30 - 2:45 PM

Design and validation of novel ambient neutron dosimeters: the LINrem project

Speakers

Ariel Tarifeno-Saldivia, Mrs Benedetta Brusasco

2:45 PM