

## **Session Program**

**27-29 Oct 2021**

# **Swedish Nuclear Physicist's Meeting 2021**

## ***Wednesday***

Chalmers University of Technology, Department of Physics, GD-Lecture Hall  
Chalmers Tvärgata 5

# Wednesday 27 October

13:15

## Wednesday: Afternoon I

**Session** |

**Location:** Chalmers University of Technology, Department of Physics, GD-Lecture Hall, Chalmers Tvärgata 5 |

**Convener:** Ali Al-Adili

13:15–13:25

### Welcome

**Speaker**

Andreas Ekström

13:25–14:00

### Angular momentum generation in nuclear fission

**Speaker**

Dr Jonathan Wilson

14:00–14:20

### Excitation energy dependence of prompt fission $\gamma$ -ray emission from $^{241}\text{Pu}^*$

**Speaker**

Dorthea Gjestvang

14:20–14:40

### Benchmark of a simulation of the ion guide for neutron-induced fission products

**Speaker**

Gao Zhihao

14:40–15:00

### Determination of the Plasma Delay Time in PIPS detectors for fission fragments with the LOHENGRIN spectrometer

**Speaker**

A. Gómez

15:00

15:30

## Wednesday: Afternoon II

**Session** |

**Location:** Chalmers University of Technology, Department of Physics, GD-Lecture Hall, Chalmers Tvärgata 5 |

**Convener:** Chong Qi

15:30–15:55

### Excitation-energy dependence of the prompt fission neutron-multiplicity in the fission of Uranium 235

**Speaker**

Ali Al-Adili

15:55–16:15

### Rapid detection and localization of special nuclear materials

**Speaker**

Jana Vasiljević

16:15–16:35

### Per-trigger yield analysis of pions, kaons and protons in pp collisions at $\sqrt{s} = 13$ TeV registered by the ALICE experiment

**Speaker**

Anna Kawecka

16:35–16:55

**Study of the  $^{18}\text{O}+^{12,13}\text{C}$  fusion-evaporation reactions with the GARFIELD array**

**Speaker**

Maria Vittoria Managlia

16:55