

## **Session Program**

**Jul 17 - 20, 2022**



# **HITRAP Facility and Experiments - Status and Future Perspectives**

## **Session 5**

Haus Hainstein Eisenach, Luthersaal  
Am Hainstein 16 99817 Eisenach

## Tue, July 19

9:00 AM

### Session 5: Collisions, Fragmentation, X-ray 2

**Session** | **Location:** Haus Hainstein Eisenach, Luthersaal, Am Hainstein 16 99817 Eisenach | **Convener:** Dariusz Banas

9:00 - 9:30 AM

#### Relativistic effects in highly charged heavy ions

**Speaker**

Zhimin Hu

9:30 - 9:55 AM

#### Studying quantum-dynamics in collision involving highly charged ions

**Speaker**

Daniel Fischer

9:55 - 10:20 AM

#### Precision X-Ray Spectroscopy of He-like Uranium using Metallic Magnetic Calorimeters

**Speaker**

Philip Pfäfflein

10:20 - 10:45 AM

#### Theoretical predictions of the structure of heavy muonic atoms and searching for an elephant in the room

**Speaker**

Natalia S. Oreshkina

10:45 AM