

Programm der Sitzung

18.-22. Aug. 2025

Nuclear Masses in Astrophysics for the Next 25 Years

Poster Session

Welcome Hotel Darmstadt City, Galileo & Einstein
Karolinenplatz 4 64289 Darmstadt

Mi., 20. August

15:10

15:30

15:30

Poster Session: Short Talks

Poster-Session | **Ort:** Welcome Hotel Darmstadt City, Galileo & Einstein, Karolinenplatz 4 64289 Darmstadt

Poster Session: Poster (& Coffee Break)

Poster-Session | **Ort:** Welcome Hotel Darmstadt City, Galileo & Einstein, Karolinenplatz 4 64289 Darmstadt

Mass Measurements of Actinides at the High-Precision Penning-Trap Mass Spectrometer TRIGA-Trap

Sprecher

Tanvir Sayed

Nuclear mass predictions based on deep neural network and finite-range droplet model (2012)

Sprecher

To Chung Martin Yiu

Precision Mass and Decay Lifetime Measurements at the HIAF-SRing facility

Sprecher

Xinliang Yan

Simulation of ion beam transport in the FRIB beam line for time-of-flight mass measurements

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Justin Placido

Study of nucleosynthesis processes with ISOLTRAP

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Dr. Christoph Schweiger, Maroua BENHATCHI

Schottky & Isochronous Mass Spectroscopy

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Esther Babette Menz

Precision Mass Measurements of Neutron-rich Isomers for the r-process

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Miikka Winter

Time-of-flight mass measurement of exotic nuclei near N=28 shell closure around sulfur

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Irin Sultana

17:00