

Programm der Sitzung

22.-23. Jan. 2026



Annual Meeting of the ErUM-FSP APPA 2026

Poster Session

GSI, Main Lecture Hall
Planckstraße 1, 64291 Darmstadt

Do., 22. Januar

18:00

Poster Session

Poster-Session | Ort: GSI, Canteen Side Room

Setup and Characterization of a Plasma Window for Heavy Particle Beam Transmission to High Pressurized Target Areas

Sprecher

Andre Michel

Rate Coefficients for Dielectronic Recombination of the Astrophysically Relevant N-Like Ne Ion at CRYRING@ESR

Sprecher

Elena-Oana Hanu

Commissioning of the Transverse Electron Target at the Heavy Ion Storage Ring CRYRING@ESR

Sprecher

Carsten Brandau, Michel Döhring, Stefan Schippers

Experimental and Theoretical Total Cross Sections for Single and Double Ionization of the Open-4d-Shell Ions $\text{Xe}^{\{12+\}}$, $\text{Xe}^{\{13+\}}$, $\text{Xe}^{\{14+\}}$ by Electron Impact

Sprecher

Michel Döhring, Stefan Schippers

Experiments at the CRYRING@ESR Low-Energy Heavy-Ion Storage Ring

Sprecher

Michael Lestinsky

First Look at a New 14.5 GHz ECR Ion Source

Sprecher

Maria Tatsch

High Power UV Laser Systems for Cooling Relativistic Bunched Ions

Sprecher

Denise Schwarz, Harri Lara

Oxygen Abundance in the Early Universe: A Storage Ring Experiment to Verify the Underlying Atomic Data

Sprecher

Michael Lestinsky

Development of a Plasma Lens Operating at Hz-Frequencies for Laser-Driven Proton Acceleration

Sprecher

Gustav Schmidt

Towards Testing Three-Loop QED and Nuclear Deformation Effects in Heliumlike Uranium

Sprecher

Martino Trassinelli

COLSPEC_MMC - a Setup of Magnetic Metallic Microcalorimeters for the CRYRING Transverse Electron Target**Sprecher**

Saskia Kraft-Bermuth

Experimental Validation of a Plasma Lens for Proton Beam Collimation at LIGHT, GSI**Sprecher**

Marius Dehmer

Ionoacoustic Monitoring of Ion Bunches: Recent Developments and Applications**Sprecher**

Anna-Katharina Schmidt

Characterization of the FISIC Platform for Future Ion-Ion Collision Studies at CRYRING@ESR**Sprecher**

Herr Augustin De Montbel, EMILY LAMOUR

Precision X-Ray Spectroscopy Using Metallic Magnetic Calorimeters**Sprecher**

Johanna Hanke Walch

The ARTEMIS Experiment: G-Factor Measurement Through Precision Spectroscopy of Heavy Highly Charged Ions**Sprecher**

Wolfgang Quint

A Novel Compton Telescope for Polarimetry in the MeV Range**Sprecher**

Günter Weber

Testing Strong-Field QED to Second-Order in the Highly Correlated Atomic System Berylliumlike Pb78+ by Electron-Ion Collision Spectroscopy**Sprecher**

Stefan Schippers

The SIS100 Laser Cooling Facility at FAIR**Sprecher**

Dr. Danyal Winters

ESR: The Heavy Ion Storage Ring Facility**Sprecher**

Alexandre Gumberidze

19:30