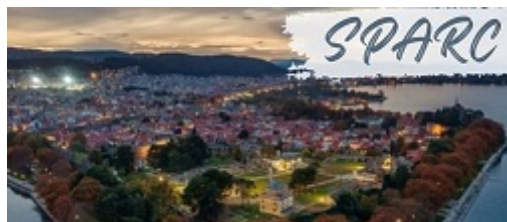


Programm der Sitzung

15.-18. Sept. 2025



22nd SPARC Topical Workshop

Poster Session

University of Ioannina - Conference Center "Karolos Papoulias"

Mo., 15. September

16:30

Poster Session

Poster-Session | **Ort:** University of Ioannina - Conference Center "Karolos Papoulias"

Testing Strong-Field QED to Second-Order in Highly Correlated Berylliumlike Pb^{78+} by Electron-Ion Collision Spectroscopy

Sprecher

Stefan Schippers

New Experimental Platform for Atomic Parity Violation Studies in Ytterbium

Sprecher

Stefanos Nanos

Experiments on Highly Charged Ions from S-EBIT II

Sprecher

Rex Simon

Energy Loss of an Antiproton in an Electron Plasma

Sprecher

Mykhailo Diachenko

Setting Up the Ion Source Test Bench for the Commissioning of a New 14.5 GHz ECR Source

Sprecher

Maria Tatsch

S-Matrix Calculations of Compton Scattering from Bound Electrons

Sprecher

Nick Mayer

Signature of Charge Equilibrium Process in L-Shell Auger-Meitner Electron Emission Spectra of Ar^{+q} -Ar Collisions

Sprecher

Rohit Tyagi

Atomic Cascade Computations for Astro and Plasma Physics

Sprecher

Stephan Fritzsche

A Pedestrian Approach to Modeling Atomic Processes and Behavior

Sprecher

Stephan Fritzsche

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

Sprecher

Carsten Brandau

Polarization Effects in the Compton Scattering from Atomically Bound Electrons

Sprecher
Wilko Middents

Absolute Rate Coefficients for Dielectronic Recombination of the Astrophysically Relevant Ne^{3+} Ion at CRYRING@ESR

Sprecher
Elena-Oana Hanu

High-Resolution Dielectronic Recombination of Berylliumlike Gold Ions at the CRYRING@ESR Storage Ring

Sprecher
Mirko Looshorn

Development of in-trap electron cooling of HCl

Sprecher
Herr Dimitrios Zisis

A Project Towards Ion-Ion Collision Electron Spectroscopy Studies

Sprecher
Stefanos Nanos

Ionisation Phenomena in Stored Highly Charged Ions at Relativistic Laser Intensities

Sprecher
Dr. Stefan Ringleb

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

Sprecher
Prof. Saskia Kraft-Bermuth

18:00