

Session Program

June 1, 2022

**SPARC-Call for Proposals for beamtime in
2023/2024**

Crying@ESR

Zoom, 690 1369 5599 / SPARC_Beam

Wed, June 1

3:30 PM

Crying@ESR

Session | Location: Zoom, 690 1369 5599 / SPARC_Beam

3:30 - 3:35 PM

Absolute rate coefficients from dielectronic recombination for astrophysically important ion species

Speaker

Michael Lestinsky

3:35 - 3:40 PM

Atomic processes in the wake of neutron-star mergers: Electron-ion recombination of low-charged heavy ions

Speaker

Stefan Schippers

3:40 - 3:45 PM

Commissioning and First Storage Ring Experiments of the Transverse Free-Electron Target

Speaker

Carsten Brandau

3:45 - 3:50 PM

Fast Ion - Slow Ion Collisions for Atomic Physics (FISIC @ CRYRING)

Speaker

Emily Lamour

3:50 - 3:55 PM

High-resolution electron-ion collision spectroscopy of beryllium-like heavy ions in CRYRING@ESR

Speaker

Stefan Schippers

3:55 - 4:00 PM

High-Resolution Spectroscopy of X-Ray Transitions in He-like Uranium at the CRYRING@ESR

Speaker

Günter Weber

4:00 - 4:05 PM

Indirect measurements of neutron-induced reaction cross sections at storage rings

Speaker

Beatriz Jurado

4:05 - 4:10 PM

Measurement of the astrophysically relevant alpha-capture reaction rate $Ti-44(\alpha,p)V-47$

Speaker
Oliver Forstner

4:10 - 4:30 PM **Nuclear astrophysics with CARME@CRYRING**

Speaker
Carlo Bruno

4:30 - 4:35 PM

Systematic measurement of electron capture cross sections in the low collision energy regime

Speaker
Nikolaos Petridis

4:35 - 4:40 PM **Search fo NEEC at CRYRIG**

Speaker
Yury Litvinov

4:40 - 4:45 PM

Ion beam and level population dynamics in Mg+ laser spectroscopy at CRYRING@ESR

Speaker
Rodolfo Sánchez

4:45 PM