

SPARC-Call for Proposals for beamtime in 2023/2024

Wednesday 01 June 2022

ESR - 690 1369 5599 / SPARC_Beam (14:00-15:30)

time	[id] title	presenter
14:00	[13] 3-beam (broadband) laser interaction with stored relativistic ions	WINTERS, Danyal
14:05	[16] E137: Experimental investigation of the precision limit for spectroscopic measurements in relativistic, few-electron high-Z ions by the method of resonant coherent excitation (RCE) of ions in a crystal.	BRÄUNING-DEMIAN, Angela
14:10	[27] Electron-impact excitation of the heaviest helium-like ion (U90+) in relativistic collisions	GUMBERIDZE, Alexandre
14:15	[12] Exploring the limits of bunched beam laser cooling of relativistic stored ions	WINTERS, Danyal
14:20	[20] High-resolution measurements of the $1s(2s)^2$ state decay branches in Li-like uranium	TROTSSENKO, Sergiy
14:25	[17] Investigation of light phenomena observed during interaction of highly charged ions with a liquid droplet beam target	PETRIDIS, Nikolaos
14:30	[7] Laser spectroscopy of the $(1s2\ 2s2p)\ 3P_0 - 3P_1$ level splitting in Be-like krypton	WINTERS, Danyal
14:35	[21] Multi-Electron Emission from Projectile Ionization of U28+Ions at Relativistic Velocities in Heavy-ion Storage Rings Letter of Intent (LOI) for Continuation Request for Proposal E117	HAGMANN, Siegbert
14:40	[11] Nuclear Hyperfine Mixing and Laser Excitation of H-like $^{229}\text{Th}^{89+}$	BRANDAU, Carsten
14:45	[24] Probing ultra-short-lived excited states in Be-like Carbon at the ESR	ROTHHARDT, Jan
14:50	[4] Proton capture on ^{91}Nb in ESR	GLORIUS, Jan
14:55	[28] Radiative Electron Capture Studies for Bare Uranium Ions in Collisions with Spin-Polarized Target Electrons	PRETZ, Joerg STÖHLKER, Thomas
15:00	[5] Rate Measurement of the Nuclear Excitation by Electron Capture process	LITVINOV, Yury
15:05	[25] Towards testing three-loop effects of bound-state QED in He-like uranium	TRASSINELLI, Martino
15:10	[15] X-ray spectroscopy of slow $\text{Xe}^{54+} + \text{Xe}$ collisions	HILLENBRAND, Pierre-Michel
15:15	[30] Hyperfine Structure in $^{208,209}\text{Bi}^{80+,82+}$ - a Test of QED in Strong Magnetic Fields	NOERTERSHAEUSER, Wilfried
15:20	[33] Influence of hyperfine interaction on the nuclear electron capture decay in ^{64}Cu	SIDHU, Ragandeep Singh
15:25	[31] Bound state beta decay of ^{205}Tl (possible resubmission)	LECKENBY, Guy