

HITRAP Facility and Experiments - Status and Future Perspectives

Monday 18 July 2022

Session 4: Poster Session - Luthersaal (16:35-18:00)

[id] title	presenter	board
[1] Study of Highly Charged Ions for the Test of Bound-State QED	CHAMBATH, MANASA	
[3] Characterisation of high-intensity light sources by ponderomotive forces on highly-charged ions	VOLKMANN, Hakon	
[4] Angular distribution of Auger electrons following electron-impact excitation of Be-like ions	Dr WU, Zhongwen	
[6] QED approach of valence-hole excitations in closed shell systems	SOGUEL, Romain	
[13] Surface modification of gold nanolayers by highly charged xenon ions	STABRAWA, Ilona	
[17] Two-electron processes in relaxation of hollow atoms	JABŁOŃSKI, Łukasz	
[21] Two-loop self-energy corrections to the bound-electron g-factor: Status of M-term calculations	SIKORA, Bastian	
[35] Modification of the configuration interaction plus many-body perturbation theory approach for calculations of atomic structure of ions with partly filled d and f shells	Dr BONDAREV, Andrey	
[31] Superconducting toroidal resonator at ARTEMIS in HITRAP	ANJUM, Khwaish Kumar	
[22] HILITE - Compact Penning trap for High-Intensity-Laser Experiments	KIFFER, Markus	
[24] Experimental study of the laser-induced ionization of heavy metal and metalloid ions: Au ⁺ and Si ²⁺	Mr YING, Bo	