

Early Career Conference in Trapped Ions (ECCTI) 2024

Tuesday 9 July 2024

Quantum Technologies - Hörsaal B (Technik) (11:00 - 12:45)

-Conveners: Marion Mallweger

time	[id] title	presenter
11:00	[79] Towards Sideband Cooling and Thermometry on an X-Junction Surface Trap with Integrated Current Carrying Wires	AHMED KULMIYA, Sahra
11:23	[77] Test and characterization of multi layer ion traps on fused silica	DIETL, Matthias
11:45	[9] Industrially fabricated ion trap chips for radial coupling experiments	PFEIFER, Michael
12:07	[47] Novel ion trap with fibre cavity integration	YUAN, Zhenghan
12:25	[54] Monolithic Segmented 3D Ion Trap	BRUCKE, Edgar

Wednesday 10 July 2024

Quantum Technologies - Hörsaal B (Technik) (09:00 - 10:35)

-Conveners: Marion Mallweger

time	[id] title	presenter
09:00	[29] Single ion dynamics in a phase-stable polarization gradient	KNOLLMANN, Felix
09:18	[31] Chromatic suppression of spontaneous emission	LAFENTHALER, Thomas
09:36	[33] Motional spin-locking spectroscopy	KRANZL, Florian
09:54	[97] Multi-Channel Quantum Scattering Calculation for Ultracold Ion-Atom Collisions	JÓNÁS, Tibor
10:12	[121] How universities collaborate with industry to advance quantum technologies - the role of AQT	MAIER, Christine