



# European Conference on Trapped Ions | hybrid ECTI 2021

## Thursday, 25 November 2021

**Mainz satellite meeting + hybrid ECTI: Mainz satellite meeting - Hermann Staudinger lecture hall of the Max-Planck-Institute for Polymer Research (11:00 - 13:00)**

-Conveners: Christian Smorra

time	[id] title	presenter
11:00	[26] Quantum state-resolved collisions of cold trapped negative ions	WESTER, Roland
11:30	[8] the PENTATRAP experiment	ELISEEV, Sergey
12:00	[29] Trapping and cooling of Be <sup>++</sup> -H <sub>2</sub> <sup>+</sup> ion pairs	Dr KIENZLER, Daniel
12:30	[52] Fault-tolerant parity readout on a trapped-ion quantum information processing node	HILDER, Janine

**Mainz satellite meeting + hybrid ECTI: Mainz satellite meeting - Hermann Staudinger lecture hall of the Max-Planck-Institute for Polymer Research (14:30 - 16:30)**

-Conveners: Björn Lektisch

time	[id] title	presenter
14:30	[6] EIT cooling of 2D arrays with hundreds of ions in a Penning trap	Dr JORDAN, Elena
15:00	[53] Thermodynamics of trapped-ion machines	POSCHINGER, Ulrich
15:30	[54] Structured light beams and phase-stable optical forces for physics with trapped ions	SCHMIEGELOW, Christian
16:00	[30] Coherence of light scattered from ion crystals and quantum non-Gaussianity of atomic motion	SLODIČKA, Lukáš