

European Conference on Trapped Ions (ECTI)

Tuesday 26 September 2023

Tuesday Hot Topics: Hot Topics I (14:45-15:45)

-Conveners: Christian Roos

time	[id] title	presenter
14:45	[106] High-precision isotope shift measurements in highly charged ions	Dr SPIEß, Lukas J.
15:05	[88] New limits on variations of the fine-structure constant and ultralight dark matter	FILZINGER, Melina
15:25	[9] Trapping and sympathetic cooling of conformationally selected ions	Dr TOSCANO, Jutta

Tuesday Hot Topics: Hot Topics II (17:00-18:00)

-Conveners: Marko Cetina

time	[id] title	presenter
17:00	[61] Towards optical clocks based on highly charged ions for precision tests of fundamental physics and improved frequency standards	BREWER, Samuel
17:20	[23] Quantum Control of Motional States in Mixed-Species Trapped Ion Crystals	Ms WU, Jenny
17:40	[105] Non-destructive characterization of phonon number states using the Autler-Townes effect and using composite pulse sequence	MALLWEGER, Marion