TCP2014

Thursday 4 December 2014

session1: Precision Spectroscopy and Frequancy Standards (1) (16:30 - 18:05)

-Conveners: Nobuyuki Nakamura

time	[id] title	presenter
16:30	[151] The g-factor of highly charged ions – Stress test for the Standard Model and access to the mass of the electron	Dr STURM, Sven
16:55	[152] PI-ICR technique for mass measurements on short-lived nuclides and the PENTATRAP project	Dr ELISEEV, Sergey
17:20	[153] Highly charged ions for atomic clocks and search for variation of the fine structure constant	DZUBA, Vladimir
17:45	[154] Laser spectroscopy of atoms in superfluid helium for the measurement of nuclear spins and electromagnetic moments of radioisotope atoms	Ms FUJITA, Tomomi

Friday 5 December 2014

session1: Quantum and QED effects (2) (08:10 - 09:10)

-Conveners: Henning Schmidt

time	[id] title	presenter
08:10	[155] Quantum simulation of the Jaynes-Cummings-Hubbard Model using trapped ions	Dr TOYODA, Kenji
08:35	[156] Extreme field physics in Penning traps	Dr VOGEL, Manuel
08:55	[157] Quadratic Zeeman effect in highly charged ions	Dr GLAZOV, Dmitry