

EQLIPS Workshop @PSI ----- Exploring the Quantum limit with Lasers and Ions in Penning trapS

Friday, 25 October 2019

Session: Fr - 1 - WBGB/019 (Timeout building) (14:00 - 16:00)

time	[id] title	presenter
14:00	[1] Coherent control of ground-state cooled ions in a Penning trap	THOMPSON, Richard
14:30	[2] Quantum Mass Spectrometry in a Penning Trap	RODRÍGUEZ, Daniel
15:00	[3] Production, trapping and towards laser cooling of C_2^+	GERBER, Sebastian
15:30	[4] Quantum information in surface-Penning trap arrays	HOME, Jonathan

Session: Fr - 2 - WBGB/019 (Timeout building) (16:30 - 18:30)

time	[id] title	presenter
16:30	[5] Towards laser-cooled highly charged ions for the ALPHATRAP g-factor experiment	STURM, Sven
17:00	[6] Precision experiments on highly charged ions in Penning traps	QUINT, Wolfgang
17:30	[8] BASE	BOHMAN, Matthew
18:00	[9] Laser-cooled Be ⁺ as an assistant for physics with antihydrogen	MADSEN, Niels

Saturday, 26 October 2019

Session: Sa - 1 - WBGB/019 (Timeout building) (09:00 - 11:00)

time	[id] title	presenter
09:00	[11] Towards quantum logic inspired techniques for discrete symmetry tests with (anti-)protons	CORNEJO, Juan M.
09:30	[12] Interacting spin models in Penning trap arrays	PORRAS, Diego
10:00	[13] No title yet	ROTEM, Amit
10:30	[7] Open Source Software and Hardware for Quantum Technology	KASPROWICZ, Grzegorz JÖRDENS, Robert