



# TCP2014

## Thursday, 4 December 2014

### session3: Quantum and QED Effects (1) (14:30 - 16:05)

-Conveners: Kazuhiko Sugiyama

time	[id] title	presenter
14:30	[148] Scalable quantum information processing with trapped ions at NIST	Dr LEIBFRIED, Dietrich
15:20	[149] Engineering and observation of interacting quasiparticles in a trapped-ion many-body system	Mr ROOS, Christian
15:45	[150] Development of the quantum repeater based on trapped Ions	Dr KIM, Taehyun

# Friday, 5 December 2014

## session3: Precision spectroscopy and frequency standards (2) (11:25 - 15:30)

-Conveners: Heinz-Juergen Kluge

time	[id] title	presenter
11:25	[165] Penning trap mass spectrometry at the LEBIT facility	Dr RINGLE, Ryan
11:50	[163] Probing exotic nuclei through mass measurements from ISOLTRAP	Mrs KREIM, Susanne
12:15	Lunch	
13:15	[169] High-precision Penning-trap mass measurements at TRIGA-TRAP	Dr NAGY, Szilard
13:40	[164] TITAN: The ion trapping program at TRIUMF	Dr KWIATKOWSKI, Ania
14:05	[166] The Canadian Penning trap mass spectrometer at CARIBU	CLARK, Jason
14:30	Coffee	
14:45	[167] On-going developments and measurements at JYFLTRAP	Dr ERONEN, Tommi
15:10	[168] Recent developments for investigations of the heaviest elements with SHIPTRAP	BLOCK, Michael