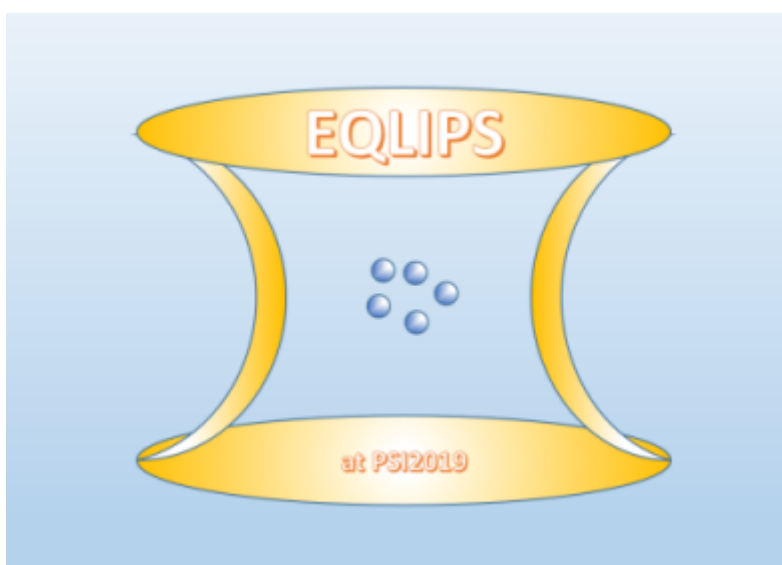


Session Program

25-26 Oct 2019



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

Session

PSI, WBGB/019 (Timeout building)
Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI

Friday 25 October

14:00

Session: Fr - 1

Session |

Location: PSI, WBGB/019 (Timeout building), Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI

14:00–14:30

Coherent control of ground-state cooled ions in a Penning trap

Speaker

Richard Thompson

14:30–15:00

Quantum Mass Spectrometry in a Penning Trap

Speaker

Daniel Rodríguez

15:00–15:30

Production, trapping and towards laser cooling of C_2^-

Speaker

Sebastian Gerber

15:30–16:00

Quantum information in surface-Penning trap arrays

Speaker

Jonathan Home

16:00

16:30

Session: Fr -2

Session |

Location: PSI, WBGB/019 (Timeout building), Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI

16:30–17:00

Towards laser-cooled highly charged ions for the ALPHATRAP g-factor experiment

Speaker

Sven Sturm

17:00–17:30

Precision experiments on highly charged ions in Penning traps

Speaker

Wolfgang Quint

17:30–18:00

BASE

Speaker

Matthew Bohman

18:00–18:30

Laser-cooled Be^+ as an assistant for physics with antihydrogen

Speaker

Niels Madsen

18:30

Saturday 26 October

09:00

Session: Sa - 1

Session |**Location:** PSI, WBGB/019 (Timeout building), Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI

09:00–09:30

Towards quantum logic inspired techniques for discrete symmetry tests with (anti-)protons

Speaker

Juan M. Cornejo

09:30–10:00

Interacting spin models in Penning trap arrays

Speaker

Diego Porras

10:00–10:30

No title yet

Speaker

Amit Rotem

10:30–11:00

Open Source Software and Hardware for Quantum Technology

Speakers

Grzegorz Kasprawicz, Robert Jördens

11:00