

## Symposium Atomic Anti-Matter Physics (SYAM)

jointly organized by  
 the Atomic Physics Division (A),  
 the Quantum Optics and Photonics Division (Q),  
 the Molecular Physics Division (MO),  
 the Mass Spectrometry Division (MS),  
 the Hadronic and Nuclear Physics Division (HK), and  
 the Particle Physics Division (T)

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## Overview of Invited Talks and Sessions

(Lecture room P 1)

### Invited Talks

SYAM 1.1	Thu	11:00–11:30	P 1	<b>Buffer gas cooling of antiprotonic helium to <math>T=1.5-1.7</math> K, and the antiproton to electron mass ratio</b> — ●MASAKI HORI
SYAM 1.2	Thu	11:30–12:00	P 1	<b>The BASE Experiment: High-precision comparisons of the fundamental properties of protons and antiprotons</b> — ●C. SMORRA, M. BESIRLI, K. BLAUM, M. BOHMAN, M. J. BORCHERT, J. HARRINGTON, T. HIGUCHI, H. NAGAHAMA, Y. MATSUDA, A. MOOSER, C. OSPELKAUS, W. QUINT, S. SELLNER, G. SCHNEIDER, N. SCHOEN, T. TANAKA, J. WALZ, Y. YAMAZAKI, S. ULMER
SYAM 1.3	Thu	12:00–12:30	P 1	<b>Antihydrogen physics at the ALPHA experiment</b> — ●NIELS MADSEN
SYAM 2.1	Thu	14:30–15:00	P 1	<b>Muon g-2</b> — ●KLAUS JUNGMANN
SYAM 2.2	Thu	15:00–15:30	P 1	<b>Antihydrogen physics at ASACUSA and AEGIS</b> — ●CHLOÉ MALBRUNOT
SYAM 2.3	Thu	15:30–16:00	P 1	<b>An experiment to measure the anti-hydrogen Lamb shift</b> — ●PAOLO CRIVELLI

### Sessions

SYAM 1.1–1.5	Thu	11:00–13:00	P 1	<b>Atomic Anti-Matter Physics I</b>
SYAM 2.1–2.5	Thu	14:30–16:30	P 1	<b>Atomic Anti-Matter Physics II</b>