

Session Program

18-22 May 2026



International Conference on Precision Physics of Simple Atomic Systems

Session 4

ÖAW, Festsaal, Theatersaal
Dr. Ignaz Seipel-Platz 2, 1010 Vienna (Mon-Wed) Sonnenfelsgasse 19, 1010 Vienna (Thu, Fri) (home
symbol on map linked below)

Monday 18 May

16:10

Session 4

Session | **Location:** ÖAW, Festsaal, Doktor-Ignaz-Seipel-Platz 2, 1010 Vienna

16:10-16:40

Completed two-loop self-energy calculations for improving the bound-electron g -factor theory

Speaker

Bastian Sikora

16:40-17:00

Relativistic Fock-space coupled cluster properties calculations of highly charged ions for probing atomic clocks and fundamental symmetries

Speaker

Brajesh Kumar Mani

17:00-17:20

Searching for new bosons with precision spectroscopy of highly charged ions: g -factor and hyperfine structure tests

Speaker

Dr Zoltan Harman

17:20-17:40

Measurements of the bound-electron g factor in highly charged ions: testing fundamental physics

Speaker

Anton Gramberg

17:40