

Session Program

11-14 Jun 2025



CompAS 2025

Session 1

Science Faculty building, Lundmark
Sölvegatan 27 Lund

Thursday 12 June

09:00

Session 1: Session 1

Session | **Location:** Science Faculty building, Lundmark, Sölvegatan 27 Lund

09:00–09:15 **Opening of CompAS 2025**

Speakers

Michel Godefroid, Per Jönsson, Tomas Brage

09:15–09:40 **GRASP: Recent Code Developments and Applications**

Speaker

Ran Si

09:40–10:05 **GRASP: Basis Selection by Machine Learning**

Speaker

Shaofan Shi

10:05–10:15 **Short Break**

10:15–10:40 **Periodic Table for Highly Charged Ions**

Speaker

Chunhai Lyu

10:40–11:05

Current Status of the GRASPC Development. Calculations - Calculations for Electron-Strontium Scattering.

Speaker

Pawel Syty

11:05–11:25 **Coffee Break**

11:25–12:00 **High-accuracy Laboratory Atomic Spectroscopy for Astrphysics**

Speaker

Henrik Hartman

12:00–12:10 **Short break**

12:10–12:30

Radiative data calculations for electric dipole transitions in the Yb I isoelectronic sequence (Ta IV - Pt IX) of interest to nuclear fusion diagnostics

Speaker

Maxime Bresseur

12:30–12:50 **A partitioned correlation function interaction approach in GRASP**

Speaker

Sijie Wu

12:50