

Session Program

22-26 Jun 2026



SCALES 1st General Meeting - Superfluid Condensates in Astrophysics and Laboratory Experiments

NS - generic

Physics Department, University of Coimbra
Rua Larga, 3004-516 - Coimbra - Portugal

Friday 26 June

09:00

NS - generic: 1st morning session

Session | **Location:** Physics Department, University of Coimbra, Rua Larga, 3004-516 - Coimbra - Portugal | **Convener:** Armen Sedrakian

09:00–09:50

The dense-matter equation of state from cold neutron stars to protoneutron stars: status, methods, and signatures

Speaker

Mr Tuhin Malik

09:50–10:15

Investigating the nuclear matter equation of state with neutron stars

Speaker

Melissa Mendes

10:15–10:40

How effectively can Neural Posterior Estimation infer the Neutron Star Equation of State?

Speaker

Valéria Carvalho

10:40