

## **Session Program**

**22-26 Jun 2026**



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

## ***WG1 - Vortex Dynamics***

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

# Monday 22 June

09:00

## WG1 - Vortex Dynamics: 1st morning session

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

09:00-09:50

### Vortices and glitches in rotating dipolar supersolids

**Speaker**  
Elena Poli

09:50-10:15

### Modelling Vortex Avalanches in Neutron Stars using the Vortex Filament Model

**Speaker**  
Julie Jacob Thomas

10:15-10:40

### Vortex Pinning, 2D Turbulence, and Vorticity Avalanches in Nanoconfined Helium-4

**Speaker**  
Emil Varga

10:40