

XLI Trobades Científiques de la Mediterrània-Josep Miquel Vidal
Workshop and School on “Frontiers in ultracold quantum gases”
Maó (Menorca) - 10 to 12 June 2026

Venue: *Institut Menorquí d’Estudis*, Camí des Castell 28, Maó

PROGRAM

Wednesday 10 June	
<i>Time</i>	<i>What</i>
9:00	Registration
9:50	Opening
10:00	Salasnich <i>Statistical Physics of Ultracold Atoms on the Surface of a Sphere</i>
11:00	Coffee break
11:30	Dubessy <i>Quantum gases in bubble traps</i>
12:30	Sunami <i>Matter-Wave Interferometry Toolbox for Two-dimensional Quantum Gases</i>
13:10	Lunch (self-organized)
15:30	Caracanhas <i>Superfluid Vortex Dynamics on Curved Surfaces</i>
16:10	Móller <i>Bose-Einstein Condensates on Curved Surfaces</i>
16:50	Poster session & Welcome aperitif
20:00	End of the session

Thursday 11 June

<i>Time</i>	<i>What</i>
9:00	Boronat <i>Quantum Monte Carlo applied to ultracold atomic gases</i>
10:00	Petrov <i>Townes soliton beyond mean field</i>
10:40	Tiengo <i>Saturating interaction in coherently coupled two-component Bose-Einstein condensates</i>
11:00	Coffee break + GROUP PHOTO
11:30	Sinatra <i>Cold Atoms, Spin Squeezing, and Quantum Metrology</i>
12:30	Cabrera <i>Fermionic superfluidity: From Short-Range Pairing to Dipolar Quantum Matter</i>
13:10	Valiente <i>Low-energy physics for ultracold atoms with non-renormalizable Lattice EFTs</i>
13:30	Lunch (self-organized)
15:30	Excursion – begin Departure from: Carrer de Ponent, Estació marítima
19:00	Excursion – end
20:00	Social Dinner Restaurante Nou Siroco (Carrer Moll de Cales Fonts, 39, 07720)

Friday 12 June

<i>Time</i>	<i>What</i>
9:00	Nascimbène <i>Exploring quantum Hall physics with ultracold atomic gases</i>
10:00	Chomaz <i>Ultracold dipolar Bose gases of magnetic atoms: how supersolid states emerge, and current investigations of their structural transitions</i>
10:40	Rhyno <i>Dynamics of finite-temperature shell-shaped Bose-Einstein condensates</i>
11:00	Coffee break
11:30	Del Pace <i>Josephson junctions with ultracold atomic Fermi gases</i>
12:10	Hirthe <i>Engineering unconventional superfluids with ultracold bosonic mixtures</i>
12:50	Baggaley <i>Vortex avalanches and collective motion in neutron stars</i>
13:10	Final words
13:30	Lunch (self-organized)