

Introductory Course on Ultracold Quantum Gases 12 – 15 July 2026

Time	Sunday 12.07	Monday 13.07.	Tuesday 14.07.	Wednesday 15.07.
8:00 – 9:00		Registration HSC Foyer		
9:00 – 9:15		Welcome Words		
9:15 – 10:00		Cooling and Trapping	Dipolar Quantum Gases	Rydberg Theory
10: 00 – 10:15				
10:15 – 11:00		Basic on Fermi Gas Theory	Ultracold Molecules	Rydberg Tweezer Experiments
11:00 – 11:15				
11:15 – 11:45		Coffee break	Coffee break	Coffee break
11:45 – 12:30		Basic Experiments on Fermi Gases	Quantum Gases in Reduced Dimensionality	Question & Answer Session
12:30 – 12:45				
12:45 – 14:00		Lunch break	Lunch break	
14:00 – 14:45		Basic on BEC Theory	Lattice Physics	Departure
14:45 – 15:00				Lectures will be 45 min+ 15 min questions
15:00 – 15:45	Arrival	Basic Experiments on BEC	Quantum Gas Microscopy	
15:45 – 16:00				
16:00– 16:30		break	break	
16:30		Lab Tours: Meeting point ICT Foyer 16:30 – 18:30		
16:45				
17:00 – 19:00	Welcome and registration Foyer ICT		Dinner	
19:00				