

Summer School
7-11 September 2026

			Monday	Tuesday	Wednesday	Thursday	Friday
9:15	-	09:30					
9:30	-	11:00	Alexandre Gauguet	Alexandre Gauguet	Luca Pezzè	Marco Fattori	Philipp Treutlein
11:00	-	11:30	Coffee	Coffee	Coffee	Coffee	Coffee
11:30	-	13:00	Timothy Kovachy	Timothy Kovachy	René Forsberg	Albert Roura	Luca Pezzè
13:00	-	15:00	Lunch	Lunch	Lunch	Lunch	Lunch
15:00	-	16:30	Olivier Carraz	Albert Roura	Excursion and Dinner	Luca Pezzè	Philipp Treutlein
16:30	-	17:00	Coffee	Coffee		Coffee	Coffee
17:00	-	18:30	Project Work	Project Work		Project Work	Project Work
19:30	-	20:30	Dinner	Dinner		Dinner	Dinner
21:00	-	23:30	Poster			Poster	Party

Alexandre Gauguet	Basics of Atom interferometry: phase calculation and beam-splitters operations						
Olivier Carraz	Quantum Sensing in Space						
Timothy Kovachy	Long-Baseline Atom Interferometry: Science Opportunities and Experimental Methods						
Albert Roura	Relativistic effects in atom interferometry						
Luca Pezzè	Introduction on parameter estimation, uncertainty, phase uncertainty + Entanglement and Squeezing+ Quantum Simulation (PASQUANS2 results) (theory)						
René Forsberg	Earth gravity mapping						
Marco Fattori	Trapped Atom Interferometry						
Phillippe Treutlein	Quantum Entanglement and Squeezing (Exp)						