

PHYSIQUE QUANTIQUE MESOSCOPIQUE

Schedule – October 11, 2021

Arrival Monday 4 October 2021

Departure Saturday 16 October 2021 morning

1st week

	Tuesday 5	Wednesday 6	Thursday 7	Friday 8	Saturday 9
9-10:30	Leghtas 1/3	Meyer 2/3	Anthore 2/4	Meyer 3/3	Anthore 4/4
10:30-11	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11-12:30	Meyer 1/3	Anthore 1/4	Leghtas 2/3	Anthore 3/4	Steele ½
12:30-14:30	Lunch	Lunch	Lunch	Lunch	Lunch
14:30-15:45	Flash Poster presentation (30 posters, 2'/poster)	Flash Poster presentation (30 posters, 2'/poster)			
15:45-16	Coffee	Coffee	Coffee	Coffee	Coffee
16-17:30	Blais 1/2 (zoom)	Hofheinz ½ (zoom)	Blais 2/2 (zoom)	Hofheinz 2/2 (zoom)	Leghtas 3/3
17:45-19:15	Colloquium Dupont-Ferrier-(zoom)	Posters	Colloquium Winkelmann	Colloquium Dréau	Posters
19 :15	Welcome drinks			Dinner at Institute	

2nd week

	Monday 11	Tuesday 12	Wednesday 13	Thursday 14	Friday 15
9-10:30	Steele 2/2	Sacepe 1/3	Zeldov (zoom)	Sacépé 3/3	Mora 3/3
10:30-11	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11-12:30	Brouwer ¼	Mora 2/3	Sacepe 2/3	Brouwer 3/4	Colloquium Roch
12:30-15:45	Lunch	Lunch	Lunch	Lunch	Lunch
15:45-16	Coffee	Coffee	Coffee	Coffee	Coffee
16-17:30	Mora 1/3	Devoret 1/3 (zoom)	Free time	Devoret 2/3 (zoom)	Devoret 3/3 (zoom)
17:45-19:15	Colloquium Urbina	Brouwer 2/4	Posters	Colloquium Deblock	Brouwer 4/4
				Barbecue at Institute	

Courses :

Anne Anthore: Coherent Transport

[Alexandre Blais: Superconducting circuits \(zoom\)](#)

Piet Brouwer: Topological insulators and superconductors

[Michel Devoret: Quantum limited amplification of microwave signals \(zoom\)](#)

Benjamin Sacépé : Electronic properties of graphene and 2D materials

[Max Hofheinz : High frequency Quantum Coherent transport \(zoom\)](#)

Zaki Leghtas : Superconducting circuits techniques

Julia Meyer: Mesoscopic Superconductivity

Christophe Mora: Interactions in mesoscopic systems

Gary Steele: Quantum optomechanics

Colloquia :

Richard Deblock: The Josephson junction as a quantum detector

Anaïs Dréau : Spin defects in semiconductors for quantum technologies

[Eva Dupont-Ferrier \(zoom\): Spin Qubits](#)

Nicolas Roch : Quantum electrodynamics of a Josephson junction coupled to a strongly dissipative environment

Cristian Urbina: Probing and Manipulating Andreev States

Clemens Winkelmann : Thermal effects in quantum devices

[Eli Zeldov \(zoom\): Nanoscale magnetic and thermal imaging: glimpse into dissipation in quantum systems](#)