

Microwave Amplifiers in the Quantum Regime

1-6 June 2025, Les Houches School of Physics

Draft agenda



Sessions

- 1 Next Generation TWPA's: novel circuits & operation protocols
- 2 Basic Science and Quantum Optics with TWPA's
- 3 Resonant Parametric Amplifiers
- 4 Amplifiers and Quantum Information Processing in Research
- 5 Amplifiers and Quantum Information Processing in Industry

	Sunday 01.06.	Monday 02.06.	Tuesday 03.06.	Wednesday 04.06.	Thursday 05.06.	Friday 06.06.
09:00-09:40		Welcome	1: Emanuele Enrico	1: Boon Kok Tan	3: Pasquale Scarlino	5: Baleegh Abdo
09:40-10:20		Keynote Michel Devoret	1: Archana Kamal	1: Maxime Malnou	3: Michael Hatridge	5: Ofer Naaman
10:20-10:50		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10:50-11:30		1: Philippe Campagne-Ibarcq	1: Logan Howe	3: R Vijay	3: Florent Lecocq	5: Visa Vesterinen
11:30-12:10		1: Peter Day	1: Kevin O'Brien	3: Joe Aumentado	3: Laure Mercier de L'épinay	5: Wouter Wesselink
12:30-13:30		Lunch	Lunch	Lunch	Lunch	Lunch
13:30-16:00		Free discussion	Free discussion	Free discussion	Free discussion	
16:00-16:40	Arrivals from 15:00	2: Miles Blencowe	Bias in AI: latest research			
16:40-17:20		2: Konrad Lehnert		4: Benjamin Huard	4: Yvonne Gao	
17:20-17:50		Coffee break	Coffee break	Coffee break	Coffee break	
17:50-18:30		2: Federica Mantegazzini	2: Sorin Paroanu	4: Angela Kou	4: Giovanna Tancredi	
18:30-19:10		Welcome Aperitif	2: Gary Steele	4: Mollie Schwartz	5: Sisira Kanhirathingal	
19:30	Dinner	Dinner	Dinner	Dinner	Dinner	
Evening		Poster session		Poster session		



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