

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	3: Laure Mercier de L'epinay
09:40-10:20		Keynote Michel Devoret	1: Archana Kamal	1: Maxime Malnou	3: Joe Aumentado	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	1: Matthew Bell	3: Michael Hatridge	5: Visa Vesterinen
11:30-12:10		1: Peter Day	1: Kevin O'Brien	3: R Vijay	3: Florent Lecocq	5: A. Mert Bozkurt
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		2: Haruna Katayama	Scientific Excursion		4: Yvonne Gao	
16:40-17:20		2: Konrad Lehnert		4: Benjamin Huard	4: Angela Kou	
17:20-17:50		Coffee break	Coffee break	Coffee break	Coffee break	
17:50-18:30		2: Federica Mantegazzini	2: Sorin Paraoanu	4: Giovanna Tancredi	5: Baleegh Abdo	
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		



This event has received funding from the European Union's Horizon Europe research and innovation programme under GA no. 101080152 TruePA, and the H2020 Marie Skłodowska-Curie programme under GA no. 101027746 DARTWARS.



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