

DIM QuanTiP Kick-off meeting

November 10, 2022

Amphi D, Institut Galilée, Université Sorbonne Paris Nord
99 avenue Jean-Baptiste Clément, 93430 Villetaneuse

Program of the day

08:30 - 09:00	<i>Reception - Coffee - Installation of posters</i>	<i>Galileo Institute, Rooms F001-F004</i>
09:00 - 09:05	Opening and introduction - Agenda	Hélène PERRIN, Coordinator of the DIM QuanTiP, LPL
09:05 - 09:10	Welcome speech	Christophe FOUQUERE, President of the USPN
09:10 - 09:15	Presentation of the CNRS	Thérèse HUET, Deputy Scientific Director INP
09:15 - 09:45	Presentation of the DIM QuanTiP	Hélène PERRIN - Senka ČUK - the COPIL
09:45 - 09:55	Presentation of the Paris Region	Île-de-France representative
09:55 - 10:20	<i>Quantum computing: Quantum computing with cat qubits</i>	Mazyar MIRRAHIMI, INRIA
10:20 - 10:50	<i>Coffee break</i>	<i>Galileo Institute, Rooms F003-F004</i>
10:50 - 11:15	<i>Quantum communications: Qubit encoding converter for quantum interconnects</i>	Beate ASENBECK, LKB
11:15 - 11:25	Scientific and economic impact & <i>Launch of the AAP Valorisation</i>	Matthieu DELBECQ Pascale SENELLART-MARDON
11:25 - 11:30		Romain VIDAL, Île-de-France
11:30 - 11:40	Enabling quantum computing by interconnecting quantum processors	Tom DARRAS, startup WeLinQ
11:40 - 11:50	Alice&Bob, from academia to a serious contender in the race for fault-tolerant quantum computing	Théau PERONNIN, startup Alice & Bob
11:50 - 12:25	Experiments with entangled photons : The Nobel Prize in Physics 2022	Alain ASPECT
12:25 - 14:30	<i>Lunch break - Poster session</i>	<i>Galileo Institute, Rooms F001-F004</i>
14:30 - 14:55	<i>Quantum simulations: Synthetic polariton matter</i>	Sylvain RAVETS, C2N
14:55 - 15:20	<i>Quantum sensing and metrology: Marine and airborne quantum gravimetry</i>	Yannick BIDEL, ONERA
15:20 - 15:45	<i>Enabling science and technology: Integrable rare-earth material platforms for quantum technologies</i>	Diana SERRANO, IRCP
15:45 - 17:00	<i>Poster session - Coffee break</i>	<i>Galileo Institute, Rooms F001-F004</i>
17:00 - 17:10	Conclusion	Hélène PERRIN, Coordinator of the DIM QuanTiP, LPL