



Program - April 2026

	Monday, 13	Tuesday, 14	Wednesday, 15	Thursday, 16	
9:00 a.m		Crystals and materials <i>Diana Serrano</i>	Paramagnetic defects <i>James O'Sullivan</i>	Optical-microwave transduction <i>Thierry Chanelière</i>	
10:00 a.m		Coffee break	Coffee break	Coffee break	
11:00 a.m		Single REI and applications <i>Andreas Walter</i>	Memories <i>Mikael Afzelius</i>	N°12	
		N°1	N°5	N°13	
		N°2	N°6	N°14	
12:00 p.m		Lunch	Lunch	Lunch	
1:00 p.m				Bus	
2:00 p.m		Mountain activity with instructors	Free time		
3:00 p.m					
4:00 p.m				N°7	Bus
			N°8		
			N°9		
5:00 p.m	Bus	Coffee break	Coffee break		
6:00 p.m		Classical processing <i>Anne Louchet-Chauvet</i>	N°10		
		Bus	N°11		
7:00 p.m		N°3	Posters session		
		N°4			
8:00 p.m	Dinner	Dinner	Gala dinner		
9:00 p.m		Posters session			

Tutorial      Group talk

		Title	Laboratory
N°1	Johan Renders	Quantum processor node using rare-earth ions and its application toward entanglement distribution.	Lund University
N°2	Aaron Schäpers Benedikt Braumandl	Erbium dopant for quantum network.	Technical University of Munich, <i>Quantum Networks Group</i>
N°3	Flora Segur	Rare earths for real time spectral analyzers.	Langevin Insitute, Thales Research& Technology
N°4	Abhay Vasudevan Preethika Thiraviam	Towards quantum computing and quantum networking with novel europium-based materials.	Karlsruhe Institute of Technology
N°5	Elisa Foery Francesco De Amicis	Eu quantum memory and a SPDC source for that memory.	Geneva University, <i>Quantum Repeaters &amp; Memories Group</i>
N°6	Tristan Lorriaux	Adressing a spin-ensemble for storing microwave quantum states.	Physics Laboratory of the École Normale Supérieure (ENS) of Lyon
N°7	Alexandre Kings Julien Bertrand	Exploring unusual transitions in Tm:YALO for quantum communication.	Geneva University, <i>Quantum Networks Group</i>
N°8	Tobias Feuerbach Georgii Grechko	Toward an Efficient Quantum-Photonic Interface for Rare-Earth Ions on a Hybrid LNOI-TiO2 Platform.	Stuttgart University
N°9	Lucas Araujo	Towards Novel Nanophotonic Interfaces with Rare-Earth Ion-Doped Nanomaterials.	Chemistry Research Institute of Paris (IRCP), Chimie ParisTech
N°10	Thibault Desrousseaux	Approximate Quantum Error Correction for a Photon Memory.	<i>Quantum Group at IPHT, CEA</i>
N°11	Michael Hernandez	Towards Integrated Quantum Memories: Si3N4 Waveguides on Rare-Earth-Ion-Doped Crystals.	University of Southampton
N°12	Shijun Zhang	First step of wave guide preparation in YSO crystal.	Néel Institute, <i>Nanophysics and Semiconductors Group</i>
N°13	Mickael Chan	Crystalline waveguides for efficient integrated quantum memories.	Thales Research & Technology
N°14	Frederik Brooke		Heriot-Watt University, <i>Quantum Photonics Laboratory</i>