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AMBASSADE
DE FRANCE
EN ALLEMAGNE
*Liberté
Égalité
Fraternité*

QUANTUM
SACLAY 

European Quantum PhD-Days

*By PhD students
For PhD students*

June 15 & 16, 2026

 Institut d'Optique Graduate School

Building 503, Amphi Alain Aspect
503 Rue du Belvédère, 91400 Orsay

Deadlines:

Abstract submission: April 17, 2026

Registration: May 4, 2026



QuantIP
Association d'Optique et de Photonique Quantiques
Région
Île-de-France

 Federal Ministry
of Research, Technology
and Space

 QuantEdu
FRANCE

DTU


 Quantum
Delta NL

European Quantum PhD-days

Day 1

15th of June 2026

IOGS-UPSaclay, Orsay

8h30	<i>Welcome coffee</i>
09h15	Welcome Speech Rémi Carminati, General director of IOGS (introduction) (tbc) Sébastien Tanzilli, Deputy Scientific Director, CNRS Physics, in charge of Quantum Physics and Quantum Technologies presentation of the French ecosystem Claudius Klein, Senior Technology Consultant at VDI Technologiezentrum GmbH presentation of the German ecosystem Philippe Bouyer, <i>Professor and QDNL chair</i> , presentation of the Dutch ecosystem Laura Thorborg, <i>Market Director for Europe at Invest in Denmark and a key member of Denmark's International Quantum Hub</i> , presentation of the Danish ecosystem
10h00	Understanding the SUPER excitation scheme for neutral quantum dots Bergman sejr Sebastian Haahr DTU, Danemark
10h30	Cavity-enhanced detection of single-electron quantum kicks <i>Aarts Resi .Leiden univ., Netherlands</i>
11h	Coffee break
11h30	Solid-state NVC nuclear spin gyroscope <i>Grégoire Pierre ENS Paris-Saclay, France</i>
12h00	Photonic Quantum simulation to explore robust one-way transport in the bulk of 3D systems. Bayazeed Alaa, RPTU, Germany
12h30	<i>Lunch + Poster session</i>
14h00	Quantum Technologies in Europe: Bridging Education, network and Innovation for a Sovereign Quantum Ecosystem" Animateur : <i>Eleni Diamanti, CNRS research director and co-founder of Welinq</i> <i>Philippe Grangier, previous Coordinator of DIM SIRTEQ and QUCATS Quantum Flagship</i> <i>Paula Kleij, Policy Officer in Quantum Technologies, European commission</i> <i>Jacob Sherson, coordinator of DigiQ, European Quantum Academy (EQA) project</i>
15h00	Experimental setup for interfacing Rydberg atoms with a high overtone bulk acoustic wave resonator in the GHz regime Leu Valerie Uni-bonn, Germany
15h30	Integrity from Algebraic Manipulation Detection in Trusted-Repeater QKD Networks <i>Robertson Ailsa, Netherlands</i>
16h00	Pause café
16h30	Start-up pitches: PASQAL, eleQtron GmbH, openUC2 GmbH Poster session
18h30	<i>Conclusion and 2 Poster prize</i> <i>research and innovation prize in collaboration with France Quantum</i>
18h45	<i>Closure 1rst day</i> Greg De Temmerman <i>Deeptech and science for societal challenges Director, Techleap</i>
19h00	<i>Dinner</i>

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Day 2

16th of June 2026

IOGS Orsay

<i>8h30</i>	<i>Welcome coffee</i>
<i>09h00</i>	Analog quantum simulation of atom-atom interaction Gargiulo Francesco , KU, Denmark
<i>9h30</i>	Quantum Sensing of Intracellular Free Radicals: Towards Cancer Diagnostics Rassler Daniela UMCG, Netherlands
<i>10h00</i>	171Yb Optical Lattice Clock for Geodetic Exploration Landa Anne-Katrin , OBSPM, France
<i>10h30</i>	A Hamiltonian Encoding for Quantum Satellite Mission Planning Góis Francisca, DLR, Germany
<i>11h</i>	Coffee break
<i>11h30</i>	Quantum Interference Between Two Remote Cavity-based Emitters Pollet Thibaut, C2N, France
<i>12h00</i>	Quantum learning advantage in a scalable photonic platform, Brunel Romain, DTU, Denmark
<i>12h30</i>	<i>Lunch</i> + Poster session
<i>14h00</i>	Conclusion
<i>14h30</i>	Optional Lab tour in parallel with France Quantum 2026 @Paris + pitch of the innovation poster prize laureate at France Quantum (tbc)