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INSTITUT
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Danemark


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
Quantum Information Physics
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) Olivier Serre, Deputy Scientific Director, CNRS Informatics , 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, Alice et Bob, eleQtron GmbH, openUC2 GmbH, Qblox, Orange Quantum systems, Quantware 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>	Characterizing Noise Processes in Quantum Frequency Converters and Simulating the Impact of Their Performance on Heterogeneous Quantum Networks <i>Müller Ann-Kathrin, RWTH Aachen, Germany</i>
<i>9h30</i>	Quantum Sensing of Intracellular Free Radicals: Towards Cancer Diagnostics <i>Rassler Daniela UMCG, Netherlands</i>
<i>10h00</i>	171Yb Optical Lattice Clock for Geodetic Exploration <i>Landa Anne-Katrin, OBSPM, France</i>
<i>10h30</i>	A Hamiltonian Encoding for Quantum Satellite Mission Planning <i>Góis Francisca, DLR, Germany</i>
<i>11h</i>	Coffee break
<i>11h30</i>	Quantum Interference Between Two Remote Cavity-based Emitters <i>Pollet Thibaut, C2N, France</i>
<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)