

Optica Quantum 2.0 Conference and Exhibition
23 – 27 June 2024
Postillion Hotel & Convention Centre WTC Rotterdam
An in-person event with on-demand content
Central European Summer Time (UTC +02:00)

Agenda of Sessions

Sunday, 23 June	
07:00—17:00	<i>Registration, Shipping Hall</i>
07:00—18:00	IONS+Rotterdam , Penn Room
17:00—18:00	Welcome Happy Hour , <i>Shipping Hall</i>

Online Access to Technical Digest Papers

Full Conference Registrants will have perpetual access to the digest papers through Optica Publishing's Digital Library starting 17 June 2024.

To access the papers go to <https://www.optica.org/quantum/> and select "Download Technical Digest Papers" from the right column navigation.

During and after the conference, access is limited to Full Technical Congress Attendees only. You will be asked to validate your credentials by entering the same login email address and password provided during the registration process. If you need assistance with your login information, please use the "forgot password" utility or "Contact Help" link.

Schedule subject to change. Please check the Conference App for the most current schedule.

Agenda of Sessions

Monday, 24 June			
CEST (UTC +02:00)	Rotterdam Hall II	Mees I	Mees II
07:30—17:00	Registration, Shipping Hall		
08:30—09:30	QM1A • Introductory and Keynote Session I, Rotterdam Hall II		
09:30—10:00	Coffee Break, Shipping Hall		
10:00—12:00	QM2A • Single Photon Detectors	QM2B • Quantum Networks I	QM2C • Frontiers in Quantum Sensing
12:00—13:00	Conference Lunch, Exchange Hall		
13:00—14:30	QM3A • Ion QC	QM3B • Quantum Optics / New Frontiers	QM3C • Tutorial: Quantum Sensing
14:30—15:00	Coffee Break, Shipping Hall		
15:00—16:30	QM4A • Quantum Sensing I	QM4B • Integrated Photonics Sources I	QM4C • Tutorial: Fault Tolerant QC
16:30—17:00	Coffee Break, Shipping Hall		
17:00—18:30	QM5A • Quantum Theory	QM5B • Integrated Photonics Sources II	QM5C • Tutorial: Quantum Memory
18:30—19:30	Women in Quantum Networking Event, Penn Room		

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Agenda of Sessions

Tuesday, 25 June			
CEST (UTC +02:00)	Rotterdam Hall II	Mees I	Mees II
07:30—17:00	Registration, Shipping Hall		
08:30—10:00	QTu1A • Symposium on Definition and Implementation of Quantum Advantage I and Keynote Session II, Rotterdam Hall II		
10:00—17:00	Exhibit Hours, Shipping Hall		
10:00—10:30	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements and Qunnect</i>		
10:30—12:30	QTu2A • Symposium Definition and Implementation of Quantum Advantage II, Rotterdam Hall II		
12:30—13:30	Conference Lunch, Exchange Hall		
13:15—14:00	Meet Optica Publishing Groups' Journal Editors, Optica Booth #132		
13:30—14:30	Find the Quantum Gap, Show Floor Panel, Mees II		
14:00—16:00	Tech Talks at the Optica Booth, Optica Booth #132		
14:00—16:00	QTu3A • Poster Session I, Shipping Hall		
14:45—15:45	Quantum Technologies in Developing Countries, Show Floor Panel, Mees II		
15:00—16:00	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements and Qunnect</i>		
16:00—18:00	QTu4A • Interconnects / Transduction	QTu4B • Quantum Networks II	QTu4C • Quantum Imaging
18:00—19:30	Conference Reception, Exchange Hall		

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Agenda of Sessions

Wednesday, 26 June			
CEST (UTC +02:00)	Rotterdam Hall II	Mees I	Mees II
07:00—08:00	Quantum Ride, Front Entrance of Postillion Hotel & Convention Centre <i>(Separate registration required)</i>		
08:00—17:00	Registration Hours, Shipping Hall		
08:30—10:00	QW1A • Keynote Session III, Rotterdam II		
10:00—17:00	Exhibit Hours, Shipping Hall		
10:00—10:20	Technology Showcase: Thorlabs Quantum Optics Kit, Mees II <i>Sponsored by Thorlabs</i>		
10:00—10:30	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements and Qunnect</i>		
10:30—12:30	QW2A • Down Conversion Sources	QW2B • Quantum Networks III	QW2C • Superconducting QC
12:30—13:30	Conference Lunch, Exchange Hall		
13:30—14:30	The Road to Next Generation Quantum Communication Tech, Show Floor Panel, Mees II		
14:00—16:00	Tech Talks at the Optica Booth, Optica Booth #132		
14:00—16:00	QW3A • Poster Session II, Shipping Hall		
14:45—15:45	Can Quantum Help Metrology, Show Floor Panel, Mees II		
15:00—16:00	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements and Qunnect</i>		
16:00—18:30	QW4A • Photonic QC	QW4B • Quantum Memory	QW4C • Tutorial: Ion Trap Quantum Computing (Ends at 17:30)

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Agenda of Sessions

Thursday, 27 June			
CEST (UTC +02:00)	Rotterdam Hall II	Mees I	Mees II
07:30—16:30	Registration, Shipping Hall		
09:00—10:00	QTh1A • Keynote Session IV and Ted Hänsch Prize Presentation, Rotterdam Hall II		
10:00—17:00	Exhibit Hours, Shipping Hall		
10:00—10:30	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements Qunnect</i>		
10:00—10:20	Technology Showcase: The Power of Qubits: Tackling Global Challenges, Mees II <i>Sponsored by IBM</i>		
10:30—12:30	QTh2A • Atomic QC	QTh2B • Entanglement Distribution	QTh2C • Instrumentation (Ends at 12:00)
12:30—13:30	Conference Lunch, Exchange Hall		
13:00—14:00	Optica Space Optics Technical Group Special Talks and Networking Event, Mees I		
13:30—14:30	The Emerging Photonics Quantum Supply Chain, Show Floor Panel, Mees II		
14:00—16:00	Tech Talks at the Optica Booth, Optica Booth #132		
14:00—16:00	QTh3A • Poster Session III, Shipping Hall		
14:45—15:45	Quantum and Strategic Autonomy, Show Floor Panel, Mees II		
15:00—16:00	Coffee Break with Exhibitors, Shipping Hall <i>Sponsored by American Elements Qunnect</i>		
16:00—18:00	QTh4A • Quantum Sources	QTh4B • Quantum Key Distribution	QTh4C • Quantum Sensing
18:00—19:00	Closing Toast, Exchange Hall		

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