

**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

<b>Sunday, 23 June</b>	
<b>08:00—17:00</b>	<i>Registration, Exchange Hall</i>
<b>09:00—18:00</b>	<b>IONS+Rotterdam</b> , Penn Room
<b>17:00—18:00</b>	<i>Welcome Happy Hour, Exchange 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/events/topical\\_meetings/quantum/](https://www.optica.org/events/topical_meetings/quantum/)  
**and select "Access Digest Papers"**

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.

# Agenda of Sessions

<b>Monday, 24 June</b>			
<b>CEST (02:00 UTC)</b>	<b>Rotterdam Hall 2</b>	<b>Mees I</b>	<b>Mees II</b>
<b>07:00—17:00</b>	<b>Registration, Exchange Hall</b>		
<b>08:30—09:30</b>	<b>QM1A • Introductory and Keynote Session I, Rotterdam Hall 2</b>		
<b>09:30—10:00</b>	<b>Coffee Break, Exchange Hall</b> <i>Sponsored by American Elements Qconnect</i>		
<b>10:00—12:00</b>	<b>QM2A • Single Photon Detectors</b>	<b>QM2B • Quantum Network I</b>	<b>QM2C • Frontiers in Quantum Sensing</b>
<b>12:00—13:00</b>	<b>Lunch (On Your Own)</b>		
<b>13:00—14:30</b>	<b>QM3A • Ion QC</b>	<b>QM3B • Quantum Optics / New Frontiers</b>	<b>QM3C • Tutorial: Quantum Sensing</b>
<b>14:30—15:00</b>	<b>Coffee Break, Exchange Hall</b> <i>Sponsored by American Elements Qconnect</i>		
<b>15:00—17:00</b>	<b>QM4A • Quantum Sensing I</b>	<b>QM4B • Integrated Photonics Sources</b>	<b>QM4C • Tutorial: Fault Tolerance QC</b>
<b>17:00—17:30</b>	<b>Coffee Break, Exchange Hall</b> <i>Sponsored by American Elements Qconnect</i>		
<b>17:30—19:30</b>	<b>QM5A • Quantum Theory</b>	<b>QM5B • Integrated Photonics Sources</b>	<b>QM5C • Tutorial: Quantum Memory</b>

# Agenda of Sessions

<b>Tuesday, 25 June</b>			
<b>CEST (02:00 UTC)</b>	<b>Rotterdam Hall 2</b>	<b>Mees I</b>	<b>Mees II</b>
<b>07:00—17:00</b>	<b>Registration, Exchange Hall</b>		
<b>09:00—10:00</b>	<b>QTU1A • Symposium on Definition and Implementation of Quantum Advantage and Keynote Session II, Rotterdam Hall 2</b>		
<b>10:00—17:00</b>	<b>Exhibit Hours, Exhibit Hall</b> <b>Coffee Break with Exhibitors: 10:00-10:30</b> <b>Lunch Break with Exhibitors: 12:30-13:30</b> <i>Sponsored by American Elements Qconnect</i>		
<b>10:30—12:30</b>	<b>QTu2A • Symposium Definition and Implementation of Quantum Advantage II, Rotterdam Hall 2</b>		
<b>13:30—14:30</b>	<b>Find the Quantum Gap, Show Floor Theater</b>		
<b>14:00—16:00</b>	<b>QTu3A • Poster Session I</b>		
<b>14:45—15:45</b>	<b>QTu3A • Quantum Technologies in Developing Countries, Show Floor Theater</b>		
<b>16:00—18:00</b>	<b>QTu4A • Interconnects / Transduction</b>	<b>QTu4B • Quantum Network II</b>	<b>QTu4C • Quantum Imaging</b>
<b>18:00—19:30</b>	<b>Conference Reception, Exchange Hall</b>		

# Agenda of Sessions

<b>Wednesday, 26 June</b>			
<b>CEST (02:00 UTC)</b>	<b>Rotterdam Hall 2</b>	<b>Mees I</b>	<b>Mees II</b>
<b>07:00—08:00</b>	<b>Quantum Ride, Front Entrance of Postillion Hotel &amp; Convention Centre</b>		
<b>07:30—17:00</b>	<b>Registration, Exchange Hall</b>		
<b>09:00—10:00</b>	<b>QW1A • Keynote Session II and Ted Hänsch Prize Presentation, Exchange Hall</b>		
<b>10:00—10:20</b>	<b>Technology Showcase: Thorlabs Quantum Optics Kit, Show Floor Theater</b> <i>Sponsored by Thorlabs</i>		
<b>10:00—17:00</b>	<b>Exhibit Hours, Exhibit Hall</b> <b>Coffee Break with Exhibitors: 10:00-10:30</b> <b>Lunch Break with Exhibitors: 12:30-13:30</b> <i>Sponsored by American Elements Qconnect</i>		
<b>10:30—12:30</b>	<b>QW2A • Down Conversion Sources</b>	<b>QW2B • Quantum Networks III</b>	<b>QW2C • Instrumentation</b>
<b>12:30—13:30</b>	<b>Lunch (On Your Own)</b>		
<b>13:30—14:30</b>	<b>The Road to Next Generation Quantum Communication Tech, Show Floor Theater</b>		
<b>14:00—16:00</b>	<b>QW3A • Poster Session II, Exhibit Hall</b>		
<b>16:00—18:15</b>	<b>QW4A • Photonic QC</b>	<b>QW4B • Quantum Memory</b> <b>(Ends at 18:00)</b>	<b>QW4C • Tutorial: Ion Trap Quantum Computing</b> <b>(Ends at 18:00)</b>

# Agenda of Sessions

<b>Thursday, 27 June</b>			
<b>CEST (02:00 UTC)</b>	<b>Rotterdam Hall 2</b>	<b>Mees I</b>	<b>Mees II</b>
<b>07:30—16:30</b>	<b>Registration, Exchange Hall</b>		
<b>09:00—10:00</b>	<b>QTh1A • Keynote Session III, Centennial F-H</b>		
<b>10:00—17:00</b>	<b>Exhibit Hours, Exhibit Hall</b> <b>Coffee Break with Exhibitors: 10:00-10:30</b> <b>Lunch Break with Exhibitors: 12:30-13:30</b> <i>Sponsored by American Elements Qconnect</i>		
<b>10:30—12:30</b>	<b>QTh2A • Atomic QC</b>	<b>QTh2B • Entanglement Distribution</b>	<b>QTh2C • Superconducting QC</b>
<b>12:30—14:00</b>	<b>Lunch (On Your Own)</b>		
<b>14:00—16:00</b>	<b>QTh3A • Poster Session III</b>		
<b>16:00—18:00</b>	<b>QTh4A • Quantum Sources</b>	<b>QTh4B • Quantum Key Distribution</b>	<b>QTh4C • Quantum Sensing</b>
<b>18:00—19:00</b>	<b>Closing Toast, Exchange Hall</b>		