

QIA PI + meeting- Delft

9th October to 11th October

[DOB Academy](#), Raam 180, 2611 WP Delft

Day 1 – Programme

Zephyr Room, Ground floor

Agenda	Topic
10:30-11:00	Registration
11:00-11:05	Welcoming words and agenda of the day - Stephanie Wehner
11:05 - 11:20	Overview - Stephanie
11:20-11:40	Metropolitan SET progress update – Tracy Northup (UIBK)
11:40-12:00	Long-distance STE progress update – Hugues de Riedmatten (ICFO)
12:00-13:30	LUNCH
13:30-13:40	Use Case Team update – Peter Hinrich (SURF)
13:40-13:50	Architecture Team update – Nico Seidler (TUD)
13:50-14:05	Innovation activities update – Vlora Rexhepi-van der Pol (TUD)
14:05-14:15	Outreach & communication workflow – Jeremiah Fajardo-Oosterman (TUD)
14:15-14:50	Coffee Break
14:50-15:10	Group-IV color centers in diamond – Ronald Hanson (TUD)
15:10-15:30	Trapped neutral atoms in a cavity – Gerhard Rempe (MPQ)
15:30-15:45	Break
15:45-16:00	Quantum compiler – Carmina G. Almudéver (UPV)
16:00 -16:15	Network Services for DQC – Michele Amoretti (UNIPR)
16:15-16:30	Reporting to the EC – David Sayago (TUD)
16:30-16:45	Closing words – Stephanie Wehner (TUD)

Dinner will be served at the restaurant [De centrale](#) located in Delft downtown at Voldersgracht 2. Dinner will start at 18:00 pm.

Green – open to all

Orange – mainly for participants involved in the activity, but open to others depending on room capacity

Red – only for participants involved in the activity

Day 2 – Morning programme

Time slot	Room Zephyr (Ground floor)	Room Skyron (1 st floor)	Room Notos (1 st floor)
9-00-10:00	Use case Team Open Session – Part 1 Chair: Peter Hinrich (SURF)	Simulation Team – Quantum repeaters Chair: Nico Seidler (TUD)	Free time slot open to suggestions (30 minutes)
			Free time slot open to suggestions (30 minutes)
10:00-11:00	Metropolitan Systems Engineering Track Chair: Tracy Northup (UIBK)	Use case Team meeting Chair: Peter Hinrich (SURF)	Cryostat Chair: H. de Riedmatten (ICFO)
11:10-12:00	Long-distance Systems Engineering Track update meeting Chair: H. de Riedmatten (ICFO)	Simulation Team meets Use Case Team Chairs: N. Seidler (TUD)/P. Hinrich (SURF)	Free time slot open to suggestions (30 minutes)
			Free time slot open to suggestions (30 minutes)
12:00-12:30			Free time slot open to suggestions (30 minutes)
LUNCH			

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Day 2 – Afternoon programme

Time slot	Room Zephyr (Ground floor)	Room Skyron (1 st floor)	Room Notos (1 st floor)
13:30-14:30	Information on the Application and the Stack Chair: Wojciech Kozlowski (TUD)	Frequency shifting building block for frequency multiplexing at 606 nm Chair: Perrine Berger (Thales RT)	Free time slot open to suggestions (30 minutes)
			Free time slot open to suggestions (30 minutes)
Break			
15:00-16:00	Innovation Wired: unlocking QIA innovation potential Part I: Innovation objectives and activities Chair: Vlora Rexhepi-van der Pol (TUD)	Architecture Team & Technical ET Chair: Nico Seidler	SquidASM Tutorial Chair: Michał van Hooft
16:00-17:00	Part II: QIA member needs and Innovation / Coordination Team support Chair: Vlora Rexhepi-van der Pol (TUD)	Metropolitan hubs Chair: Scarlett Gauthier	A dedicated session on full stack integration Chair: Wojciech Kozlowski (TUD)
17:00-17:30	Free time slot open to suggestions (30 minutes)	Free time slot open to suggestions (30 minutes)	

For those of you interested in visiting the [House of Quantum](#), Quantum Delft will be offering some drinks at their location in the Delft campus. A shuttle bus will bring you there and back to Delft downtown, programme still to be finalised.

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Day 3 – Full programme

Time slot	Room Zephyr (Ground floor)	Room Skyron (1 st floor)	Room Notos (1 st floor)
9:00-10:00	Understanding the physical device interface for quantum repeaters Chair: Wojciech Kozlowski (TUD)	Photonic Clients Chair: Janice van Dam (TUD)	Quantum Compilers Chair: Carmina G. Almudéver (UPV)
10:00-11:00	Use Case Team open session – Part 2 Chair: Peter Hinrich (TUD)	Software for control electronics Chair: H. de Riedmatten (ICFO)	Simulation Team meeting Chair: Nico Seidler (TUD)
11:00-12:00	Metro-long distance interface Chair: Tracy Northup (UIBK)	Network Services for Distributed Quantum Computing Chair: Michele Amoretti	Free time slot open to suggestions (30 minutes)
			Free time slot open to suggestions (30 minutes)
12:00-13:00	LUNCH		
13:00-14:00	Innovation Team session 2: Spin-out journey – key takeaways Chair: Vlora-Rexhepi van der Pol	Coordinator and discussion leads (or deputies) to prepare wrap up Chair: Stephanie Wehner	Free time slot open to suggestions (30 minutes)
			Free time slot open to suggestions (30 minutes)
14:00-15:00	Closing session		

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CONTACT PERSONS:

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Public transport options to the venue:

Train station:

- Delft Centraal Station – 18 minutes by foot, 5 minutes by bike

Bus and tram stops:

- Twee Molentjeskade (Bus 60) – 8 minutes by foot
- Nieuwe Plantage (Bus 53, Tram 1 and Tram 19) – 10 minutes by foot

Rental bikes

Fietsplus Delft
Coenderstraat 4
2613 SM Delft

Profile 'de fietspecialist'
Papsouwselaan 135
2624 AK Delft