

# QuantERA

## Strategic Conference 2024

### 24 SEPTEMBER

11:30–13:00

#### REGISTRATION

12:00–13:00

#### LUNCH

13:00–13:20

#### WELCOME & PROGRAMME OVERVIEW

Julia Feddersen / Quantum Delta NL

#### IMPORTANCE OF QUANTUM TECHNOLOGIES

Philippe Bouyer / Quantum Delta NL, University of Amsterdam

#### FROM QUANTUM PHENOMENA AND RESOURCES TO APPLIED QUANTUM SCIENCE

Konrad Banaszek / QuantERA Scientific Coordinator, National Science Centre, Poland

13:20–13:40

#### NEW DEVELOPMENTS FROM THE EU COMMISSION

Christian Trefzger / QuantERA Project Officer, European Commission, DG CONNECT

13:40–14:00

#### QUANTUM COMPUTING: FROM ACADEMIA TO INDUSTRY

Harry Buhrman / QuantERA Strategic Advisory Board Member, Quantinuum, University of Amsterdam

14:00–14:20

#### EUROPEAN QUANTUM INDUSTRY: FROM RESEARCH EXCELLENCE TO GLOBAL MARKET LEADER

Laure Le Bars / QuIC President, SAP Research & Innovation

14:30–14:45

#### BREAK

14:45–16:00

#### THE PATH TO QUANTUM COMMERCIALISATION: STEADY OR STONY ROAD?

Moderator: Pieter de Witte / Quantum Delta NL

Andrea G. Rodríguez / Lead at ImpaQT UA

Anna Kamińska / QuantERA Project Coordinator, Creotech Instruments S.A.

Thierry Botter / Executive Director at the European Quantum Industry

Kees Eijkel / Director of Business Development at QuTech

Joost van Heijden / QuantERA Project Coordinator, Quantum Machines

16:00–16:30

#### BREAK

16:30–18:30

#### PARALLEL SESSIONS: PROJECT SHOWCASE & DISCUSSION

##### Metrology, sensing & imaging

- E2TPA
- LEMAQUME
- SPARQL
- C'MON-QSENSE!
- MAQS
- Qu3D
- ApresSF
- QuRAMAN
- MQSens
- QATACOMB

##### Simulation & information sciences

- ExTRaQT
- VERIQTAS
- MENTA
- TOBITS
- DYNAMITE
- STAQS
- eDICT
- SQUEIS
- QuSiED
- T-NISQ

ROOM: DAY + SHARK TANK (LIVE STREAM)

ROOM: NIGHT

18:30–19:30

#### DRINKS & BITES

VENTURE STUDIO

VENTURE STUDIO

# QuantERA

## Strategic Conference 2024

### 25 SEPTEMBER

09:00-09:30

#### ARRIVAL AND COFFEE

09:30-11:10

#### PARALLEL SESSIONS: PROJECT SHOWCASE & DISCUSSION

##### Communication

- PACE-IN
- DISCO
- QD-E-QKD
- ShoQC
- SiUCs
- CVSTAR
- QuICHE
- SECRET
- MOCA

##### Computation

- PhoMemtor
- ConSpiQuOS
- QOPT
- EQUIP
- HQCC
- QuCoS
- ARTEMIS
- MAGMA
- QuantHEP

ROOM: DAY + SHARK TANK (LIVE STREAM)

ROOM: NIGHT

11:10-11:45

#### BREAK

12:00-12:50

#### EMPOWERING WOMEN IN QUANTUM: DRIVING DIVERSITY

**Moderator: Caiseal Beardow** / PhD Candidate & Creative Technologist, TU Delft

**Elisabeth Giacobino** / QuantERA Expert, Sorbonne University

**Servaas Kokkelmans** / Professor at the Eindhoven University of Technology, Director of the Center for Quantum Materials and Technology Eindhoven

**Judith Kreukels** / Advisor Equity, Diversity and Inclusion NWO-I & Head of Programmes Women in Quantum Developments

**Zala Lenarčič** / QuantERA Project Coordinator, Jožef Stefan Institute

**Kirsten Stademann** / Assistant Professor at the University of Twente

VENTURE STUDIO

12:50-13:40

#### QUANTUM AND SOCIETY

**Moderator: Benjamin Frisch** / Knowledge Transfer Officer at the European Organization for Nuclear Research

**Philipp Kammerlander** / Open Quantum Institute

**Clare Shelley-Egan** / QDNL Center for Quantum and Society, TU Delft

**Florence Quist** / QuantERA Member, F.R.S-FNRS

**Joe Westwood** / QuantERA Member, UKRI/ESPRC

13:40-14:00

#### EXPERIENCE & OUTLOOK

14:00-14:45

#### LUNCH

14:45-16:30

#### PARALLEL SESSIONS: PROJECT SHOWCASE & DISCUSSION

##### Communication

- EQUAISE
- InQuRe
- QuantaGENOMICS
- uTP4Q
- Mf-QDS
- SensExtreme

##### Computation

- SIQCI
- SiQUOS
- DQUANT
- SuperLink
- QuantumGuide
- NImSoQ
- MAESTRO

ROOM: DAY + SHARK TANK (LIVE STREAM)

ROOM: NIGHT

16:30-17:00

#### CLOSING REMARKS

**Konrad Banaszek** / QuantERA Scientific Coordinator, National Science Centre, Poland

VENTURE STUDIO