



EUROPEAN CONFERENCE

QUANTUM TECHNOLOGIES FOR DEFENCE: CURRENT AND FUTURE CAPABILITIES WARSAW, POLAND – 13-14 MARCH 2024

DRAFT PROGRAMME

08:00 – 09:00 REGISTRATION AND WELCOME COFFEE

09:00 – 10:00 OPENING SESSION

- Edouard Geoffrois, Policy Officer, Directorate-General for Defence Industry and Space (DG DEFIS)
- representative of Ministry of National Defence (PL)
- Dr Adrian Mahlkow, Managing Director, OpTecBB, Berlin Quantum (DE)
- Dr Isabelle Tovenca Pecault, Director Europe and International Alpha-RLH, ALPHA-RLH and Naquidis Centre (FR)
- Aleksandre Yurchak, Ukrainian Cluster Alliance (UA)
- Maciej J. Nowakowski, Director of Operations, PPTF (PL)





10:00-11:00 KEYNOTE ADDRESSES 1

- 10:00 – 10:15 **Quantum Warfare, A Survey**
Michal Krelina, Czech Technical University (CZ)
- 10:15– 10:30 **Ongoing Quantum Activities Of EDA**
Fabrizio Berizzi, Head Of Captech Optronics, EDA
- 10:30–10:45 **Towards Secure Communications In The Quantum Era?**
Samih Souissi, French Cybersecurity Agency ANSSI (FR)
Dr. Tobias Hemmert, BSI (DE)
- 10:45– 11:00 representative of Ministry of Defence (UA)

11:00 – 11:30 COFFEE BREAK & MATCHMAKING

11:30-12:30 KEYNOTE ADDRESSES 2

- 11:30 – 11:45 **OVERVIEW OF THE EDF project ADEQUADE**
Daniel Dolfi, Thales R&T (FR)
- 11:45 – 12:00 **OVERVIEW OF THE EDIDP project DISCRETION**
Catarina Bastos, Deimos (PT)
- 12:00 –12:15 **Quantum Technologies for Super-resolution Imaging**
Nicolas Treps, Sorbonne Université (FR)

12:30-14:00 LUNCH



14:00-15:00 **ROUNDTABLE**

Quantum Technologies in Defence applications

Moderator: Aleksander Nawrat, Silesian University of Technology (PL)

Speakers:

- Catarina Bastos, Deimos (PT)
- Baptiste Battelier, Université Bordeaux (FR)
- Johanna Sepulveda, AIRBUS Defence and Space (DE)
- Jacques-Charles Lafoucriere, HQI (FR)
- Markus Krutzik, FBH Berlin (DE)
- Andrii Semenov, Kyiv Academic University (UA)

15:10-16:10 **USE CASES PRESENTATION SESSION 1**

- with Quantum Optics Jena, Falconers.ee, Kyiv Academic University, Astrolight, Quantum Delta, Exail

16:10-16:40 **COFFEE BREAK & MATCHMAKING**

16:40-17:40 **USE CASES PRESENTATION SESSION 2**

- with Haiqu.ai, Incibe, ORCA Computing, Acktyvus, National University of Lviv, Creotech

17:40-18:00 **WRAP UP DAY 1**

19:00-21:00 **DINNER**





QUANTUM TECHNOLOGIES FOR DEFENCE: DAY 2 - 14TH MARCH

08:00 – 09:00 REGISTRATION AND WELCOME COFFEE

09:00 – 09:30 OPENING SESSION

09:30-10:30 PITCH SESSION

10:30-11:00 COFFEE BREAK & MATCHMAKING

11:00-12:30 WORKSHOPS

WORKSHOP QUANTUM SENSING AND METROLOGY – ROOM 1

11:00 – 11:20 Introductory Talk: Marks Krutzik, FBI Berlin (DE)

11:20 – 12:30 Discussion

WORKSHOP QUANTUM COMMUNICATION – ROOM 2

Lead: Nino Walenta, Fraunhofer HHI (DE)

11:00 – 11:20 Introductory Talk: Michał Karpiński, University of Warsaw (PL)

11:20 – 12:30 Discussion

WORKSHOP QUANTUM COMPUTING AND SIMULATION – ROOM 3

Lead: Martin Bohmann (AT)

11:00 – 11:20 Introductory Talk: Enrique Solano, KIPU Quantum (DE)

11:20 – 12:30 Discussion

12:30-14:00 LUNCH



Business Support on Your Doorstep



14:00-14:50 **WORKSHOPS RESULTS PRESENTATION**

Quantum Sensing and Metrology
Quantum Communication
Quantum Computation and Simulation
General discussion on workshop results

14:50-15:00 **WRAP UP**

15:00-16:00 **MATCHMAKING – NETWORKING**

Contact persons:

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