



QCI DAYS VIENNA 2024

AGENDA

Venue
Haus der Industrie
(Industriellenvereinigung)
Schwarzenbergplatz 4, 1031 Vienna

24.01.2024 – nationaler QCI-Tag

09:00-10:00	Registrierung
10:00-10:10	Eröffnung QCI Days Vienna 2024 Generalsekretär Mag. Christoph Neumayer (Vereinigung der Österreichischen Industrie) Univ.Prof. DI Dr. Andreas Kugi (AIT Austrian Institute of Technology)
10:10-11:00	Quantenkommunikation und die Strategie in Europa <i>Quantenkryptographie und europäische Produkte und Supply Chain</i> Hannes Hübel (AIT Austrian Institute of Technology) <i>Vorstellung der europäischen Initiativen IRIS² / EuroQCI</i> Désirée Ehlers & Daniel Voigt (Bundesministerium für Klimaschutz, Umwelt, Energie, Mobilität, Innovation und Technologie) <i>QKD-Rollout in Europa, Akteure und Anwendungen</i> Felix Wissel (Deutsche Telekom)
11:00-11:30	Österreichische Use Cases Thomas Mann (K-Businesscom) Werner Strasser (fragmentiX Storage Solutions) Nikolaus Dürk (X-Net Services)
11:30-12:00	Paneldiskussion: Umsetzung QKD für den europäischen Markt Moderation: Oliver Rolofs (COMMISSORY) Hannes Hübel (AIT Austrian Institute of Technology), Désirée Ehlers (Bundesministerium für Klimaschutz, Umwelt, Energie, Mobilität, Innovation und Technologie), Felix Wissel (Deutsche Telekom), Thomas Mann (K-Businesscom), Werner Strasser (fragmentiX Storage Solutions), Nikolaus Dürk (X-Net Services)
12:00-13:00	Mittagspause & Ausstellung



24.01.2024 – nationaler QCI-Tag

13:00-14:10

Cyber Security im Quantenzeitalter – Das Bedrohungspotential

TBC (AQT ALPINE QUANTUM TECHNOLOGIES)

Sebastian Ramacher (AIT Austrian Institute of Technology)

Wolfgang Rosenkranz (CERT.at)

Florian Silnusek (Bundesministerium für Landesverteidigung)

Robert Lamprecht (KPMG)

Julia Dewitz-Würzelberger (Verbund)

Thomas Rössler (primeSIGN)

14:10-14:40

Paneldiskussion: Cyber Security im Quantenzeitalter

Moderation: TBC

TBC (ALPINE QUANTUM TECHNOLOGIES), Florian Silnusek (Bundesministerium für Landesverteidigung), Robert Lamprecht (KPMG), Wolfgang Rosenkranz (CERT.at), Thomas Rössler (primeSIGN), Clemens Möslinger (Bundeskanzleramt), Julia Dewitz-Würzelberger (Verbund)

14:40-15:10

Kaffeepause & Ausstellung

15:10-16:00

QKD-Technologien made in Austria

Präsentation des österreichischen EuroQCI-Projekts "QCI-CAT"
TBC (AIT Austrian Institute of Technology)

Rupert Ursin (QTLabs)

Wolfgang Dür (Quantum Network Design)

Werner Strasser (fragmentiX Storage Solutions)

Anna Spandl (Quantum Exponential)

16:00-16:30

Österreichische Quantentech-Initiativen

Thorsten Schumm (Technische Universität Wien)

Gregor Weihs (Quantum Science Austria)

Somya Rathee (Quantum Society Austria)

Martin Bohmann (Photonics Austria, WG Quanten)

16:30-17:00

Paneldiskussion: Österreichs Quantenökosystem

Moderation: Hannes Hübel (AIT Austrian Institute of Technology)

Rupert Ursin (QTLabs), Werner Strasser (fragmentiX Storage Solutions), Wolfgang Dür (Quantum Network Design), Anna Spandl (Quantum Exponential), Thorsten Schumm (Technische Universität Wien), Gregor Weihs (Quantum Science Austria), Somya Rathee (Quantum Society Austria)

17:00-17:10

Schlussworte nationaler Tag

17:10

Abendempfang





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25.01.2024 – QCI Days | Day 1

09:00-10:00	Registration
10:00-10:10	Opening Helmut Leopold (AIT Austrian Institute of Technology)
10:10-10:40	Overview EuroQCI Presentation by European Commission Presentation by ESA European Space Agency <i>Presentation EuroQCI Coordination and Support Action "PETRUS"</i> Keith Elder (Deutsche Telekom)
10:40-11:30	Quantum Communication in the Quantum Flagship <i>Quantum Flagship Project "QSNP"</i> Valerio Pruneri (ICFO The Institute of Photonic Sciences) <i>Quantum Flagship Project "Qu-Pilot"</i> Mika Prunnila (VTT Technical Research Centre of Finland) <i>Quantum Flagship Project "Qu-Test"</i> Alessandro Trenti (AIT Austrian Institute of Technology) <i>Quantum Flagship Project Coordination and Support Action "QUCATS"</i> Yasser Omar (PQI - Portuguese Quantum Institute) <i>European Quantum Industry Consortium "QuIC"</i> Simone Capeleto (European Quantum Industry Consortium)
11:30-11:50	Panel Discussion: Quantum Communication in Europe Moderation: Hannes Hübel (AIT Austrian Institute of Technology) Keith Elder (Deutsche Telekom), Valerio Pruneri (ICFO The Institute of Photonic Sciences), Mika Prunnila (VTT Technical Research Centre of Finland), Alessandro Trenti (AIT Austrian Institute of Technology), Yasser Omar (PQI - Portuguese Quantum Institute), Simone Capeleto (European Quantum Industry Consortium)
11:50-12:10	Supplier Pitches
12:10-13:40	Lunch & Exhibition & Posters



25.01.2024 – QCI Days | Day 1

13:40-13:50

Digital Europe Programme Pitches | DEP 1

13:50-14:40

QKD Networks and Architecture

Vicente Martin (UPM Technical University of Madrid)

Christoph Striecks (AIT Austrian Institute of Technology)

Ludovic Perret (Sorbonne University)

Tara Liebisch (PTB Physikalisch-Technische Bundesanstalt)

Alessandro Zavatta (Quantum Telecommunications Italy)

14:40-15:10

Panel Discussion QKD Networks and Architecture (Moderation: TBC)

Moderation: Sebastian Ramacher (AIT Austrian Institute of Technology)

Vicente Martin (UPM Technical University of Madrid), Christoph Striecks (AIT Austrian Institute of Technology), Ludovic Perret (Sorbonne University), Tara Liebisch (PTB Physikalisch-Technische Bundesanstalt), Alessandro Zavatta (Quantum Telecommunications Italy)

15:10-15:20

Digital Europe Programme Pitches | DEP 2

15:20-15:50

Coffee Break & Exhibition & Posters

15:50-16:00

Digital Europe Programme Pitches | DEP 2

16:00-17:00

Use Cases and Deployments

Catarina Bastos (Deimos)

Piotr Rydlichowski (Poznan Supercomputing and Networking Center)

Laura Ortiz (UPM Technical University of Madrid)

Jesse Robbers (Quantum Delta NL)

Catherine White (BT)

Paul Spooren (HS Nordhausen)

17:00-17:30

Panel Discussion Use Cases and Deployments

Moderation: Natalia Burno (CNR - Consiglio Nazionale delle Ricerche)

Catarina Bastos (Deimos), Piotr Rydlichowski (Poznan Supercomputing and Networking Center), Laura Ortiz (UPM Technical University of Madrid), Jesse Robbers (Quantum Delta NL), Catherine White (BT), Paul Spooren (HS Nordhausen)

17:30-17:40

Digital Europe Programme Pitches | DEP 2

17:40-17:50

Quantum Poem & Quantum Raffle

17:50-18:00

Closing Day 1

18:00

Reception





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26.01.2024 – QCI Days | Day 2

09:00-09:30	Registration
09:30-10:30	Satellite and Long Distance QKD George Kanellos (University of Athens) Deirdre Kilbane (Walton Institute) Francesco Vedovato (University of Padua) Rupert Ursin (QTLabs) Werner Strasser (fragmentiX Storage Solutions) Paolo Villoresi (University of Padua)
10:30-11:00	Panel Discussion Satellite and Long Distance QKD Moderation: Marie-Christine Slater (AIT Austrian Institute of Technology) George Kanellos (University of Athens), Deirdre Kilbane (Walton Institute), Francesco Vedovato (University of Padua), Rupert Ursin (QTLabs), Werner Strasser (fragmentiX Storage Solutions), Paolo Villoresi (University of Padua)
11:00-11:30	Coffee Break & Exhibition & Posters
11:30-12:20	Certification: From Protection Profiles to Accredited QKD Tobias Hemmert (BSI Bundesamt für Sicherheit in der Informationstechnik) Guntram Wicke (Deutsche Telekom) Hannes Gross (SGS) António Gameiro Marques (NSA Portugal) <i>Presentation Digital Europe Programme DEP 4 "Nostradamus"</i> Felix Wissel (Deutsche Telekom)
12:20-12:50	Panel Discussion Certification Moderation: Martin Stierle (AIT Austrian Institute of Technology) Tobias Hemmert (BSI Bundesamt für Sicherheit in der Informationstechnik), Guntram Wicke (Deutsche Telekom), Hannes Gross (SGS), António Gameiro Marques (NSA Portugal), Felix Wissel (Deutsche Telekom)



26.01.2024 – QCI Days | Day 2

12:50-13:20

Impacts of Quantum Technologies on Society

Matthias Kettemann (University of Innsbruck)

Stefan Schauer (AIT Austrian Institute of Technology)

13:20-13:30

Closing

13:30-14:30

Lunch & Exhibition & Posters

14:30-16:00

PETRUS Open Forum

Exclusively for DEP 1 & DEP 2 Projects

Funded by the European Union and the National Foundation for Research, Technology and Development under the Project Number: 101091642



Organised by the consortium of the national EuroQCI project "QCI-CAT"



CONFIRMED EXHIBITORS AND PROJECT PRESENTATIONS (PITCHES/POSTERS)

Confirmed projects from the Digital Europe Programme DEP 1

MDI-QUEEN

SECRET

QKISS

eCausis

Confirmed projects from the Digital Europe Programme DEP 2

Be-QCI (Belgium)

EstQCI (Estonia)

Lux4QCI (Luxembourg)

CroQCI (Croatia)

FranceQCI (France)

NQCIS (Sweden)

CZQC (Czech Republic)

IrelandQCI (Ireland)

PIONIER-Q (Poland)

PTQCI (Portugal)

QCI-CAT (Austria)

QUID (Italy)

PRISM (Malta)

QCI.DK (Denmark)

HellasQCI (Greece)

QCINed (The Netherlands)

RoNaQCI (Romania)

Confirmed projects from the Quantum Flagship

QSNP

Qu-Test

Qu-Pilot

QUCATS

Confirmed Exhibitors in the Showroom

QUIC

ThinkQuantum

KETS Quantum

QBIRO

IDQ

fragmentiX

PETRUS

Toshiba

QTLabs

Quantum Industries

QTI

KEEQuant

Meet the Coordination and Support Action (DEP 3) project "PETRUS" and join the Open Forum on the third day

