

Migration to Quantum-Safe Workshop

Steigenberger Hotel Herrengasse, Vienna, 21 - 22 November 2024

Thursday, November 21

Time	Topic	Room
08:30 am	Registration	Foyer
09:00 am	Welcome <i>Florian Fröwis, ID Quantique</i> Quantum communication: state of the art and vision <i>Grégoire Ribordy, ID Quantique</i> The first real touch with QKD <i>Richard Suchy, Cetin</i> Singtel Quantum-Safe Network <i>Dennis Lam Gan Quan, Singtel</i>	Torberg
10:15 am	Coffee and tea	Foyer
10:45 am	Overview of the European Quantum Communication Infrastructure <i>Martin Stierle, AIT</i> HellasQCI: Large-scale QKD network project in Greece <i>Zenon Mousmoulas, GRNET</i> DemoQUANT: Demonstrating QKD network readiness linking Berlin and Bonn <i>Marcus Gärtner, DT</i> PQC + QKD hybridisation solutions researched by EY <i>Hans-Christoph Capellaro, EY</i>	Torberg
12:05 pm	Lunch break	Restaurant
01:30 pm	QKD-as-a-Service models <i>Simon Patkovic, ID Quantique</i> Transitioning organizations to Post-Quantum Cryptography <i>Elliot Dineley, SandboxAQ</i> Quantum Safe in Telecommunications <i>Lory Thorpe, IBM Quantum-Safe</i> Legal aspects of using QKD in regulated markets <i>Melchior Aelsman, Juniper Networks</i> Use cases in large scale backbone and access QKD network in operational NREN environment based on commercial QKD systems <i>Piotr Rydlichowski, PSNC</i>	Torberg
03:10 pm	Coffee and tea	Foyer
03:40 pm – 05:40 pm	<i>Workshops in parallel:</i> W1: Technical elements to implement a dual quantum-safe strategy (Workshop and live demo), Jean-Robert Morax, Pedro Penedo, ID Quantique W2: Technology deep-dive: QKD, networks, and integration <i>Marc Niklès, Simon Patkovic, ID Quantique</i>	 Torberg/ Werfel  Musil



Praterstraße 1,
1020 Wien.

07:30 pm

Dinner at the restaurant "Das LOFT"

Walking distance: 15-20minutes

See Google Maps link in the QR code:



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Friday, November 22

Time	Topic	Room
08:45 am	Welcome	Foyer
08:50 am	Applying quantum-safe encryption with optical transport networks <i>Ulrich Kohn, Adva</i> The E3: Experiences, Expectations, Evolution <i>Thomas Lebeth, Dacoso</i> Quantum-Safe Communication for Critical Infrastructure <i>Rouven Flöter, Hitachi</i> HSM backup with QKD-based VPN <i>Andreas Neuhold, Cancom</i> Navigating Quantum: Evaluating Future-Proof Solutions for Energy Transmission <i>Julia Dewitz-Würzelberger, Verbund</i>	Torberg
10:30 am	Coffee and tea	Foyer
03:40 pm – 05:40 pm	<i>Workshops in parallel:</i> W1: Technical elements to implement a dual quantum-safe strategy (Workshop and live demo), Jean-Robert Morax, Pedro Penedo, ID Quantique W2: Technology deep-dive: QKD, networks, and integration <i>Marc Niklès, Simon Patkovic, ID Quantique</i>	 Torberg/ Werfel  Musil
01:00 pm	Lunch break	Restaurant
02:30 pm – 03:00 pm	Wrap-up and farewell <i>Moderated by Florian Fröwis, ID Quantique</i>	Torberg

