SEQUCOM 2025
Securing Enterprise Communications

Preliminary Agenda – Day 1
(Titles subject to changes)

Thursday, 16. October 2025 – Executive track

12:00 Registration and arrival

13:00 Opening

13:30 State of play: secure communication today
(Dr. Felix Wissel, Deutsche Telekom Geschäftskunden GmbH)

13:50 Q-Day: quantum computing threat to cryptography
(Christoph Gräbnitz, Fraunhofer AISEC)

14:10 When will a cryptographically-relevant quantum computer be available?
(Dr. Heike Riel, IBM)

14:30 AI Progress
(Dr. Edeltraud Leibrock)

14:50 Can AI crack cryptography?
(Imran Khan, KEEQuant GmbH)

15:00 Coffee break & industry exhibition

15:30 Business impact of migration to quantum-safe
(Ulrich Seyfarth, BearingPoint GmbH)

15:40 Preparing for the quantum era
(Daniel Goß, Bundesagentur für Arbeit)

16:00 IT security at Bundesbank in the age of the quantum computer
(Thomas Kraus, Deutsche Bundesbank)

16:20 Solution: Post-Quantum Cryptography (tbd.)

16:40 Solution: Quantum Key Distribution (Dr. Kevin Füchsel, Quantum Optics Jena GmbH)

17:00 Coffee break & industry exhibition

17:30 Panel discussion: What is necessary until Q-day?
(Dr. Oliver Muth (Bundesdruckerei Gruppe GmbH), Daniel Goß (Bundesagentur für Arbeit), et al.)

18:00 Start small/smart – think big: migration to quantum safe

18:30 Networking reception (on-site)

Preliminary Agenda – Day 2

(titles subject to changes)

8:30   Registration and arrival

9:00   Showcase 1: Migration to quantum key distribution (QKD)
(Robin Boehn, Deutsche Telekom Technik GmbH)

9:30   Showcase 2: Migration to post-quantum cryptography (PQC) (tbd.)

10:00   Coffee break & industry exhibition

10:30   Ask the experts: Tech challenges and migration roadmap for QKD (tbd.)

11:00   Ask the experts: PQC deep-dive & NIST standardization
(Prof. Dr.-Ing. Christof Paar, Max-Planck-Institut for Security and Privacy)

11:30   Coffee break & industry exhibition

12:00   Tech talk: Hybridization and crypto-agility (tbd.)

12:30   Tech talk: Challenges in infrastructure integration (tbd.)

13:00   Farewell, time for discussions & industry exhibition