



Quantum-**P**roofing **E**uropean
Public Administrations

Next Q-PrEP Webinar

*From Quantum-Safe Ledgers to
Quantum-Safe Zero-Knowledge Proofs*

*Online October 02, 2026
13:00 (CEST)*

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The Innovation Engineers.

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Funded by
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Funded by the European Union under Grant Agreement 101190305. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Cybersecurity Competence Centre. Neither the European Union nor the granting authority can be held responsible for them.

Q-PrEP Webinars

From Quantum-Safe Ledgers to Quantum-Safe Zero-Knowledge Proofs

Online October 02, 2026

- Applied Crypto Lab Overview
 - zkBallot (eVoting)
 - InvizCrypt (Secure Collaboration)
- Post-Quantum Cryptography
 - Elliptic Curve Cryptography
 - Shor and Grover's Algorithm
 - Post-Quantum Cryptography
 - Case Study - XRP Ledger
- Zero-Knowledge Proofs
 - Privacy Concerns in Blockchain
 - Zk-SNARKs
 - Threats to zkSNARKs
 - Quantum-Safe ZKPs (STARKs)
 - ZK-BRIDGE (Bigger Picture)

Experts: Prof. Hitesh Tewari & Atharva Lele (Applied Cryptography Research Lab at Trinity College Dublin)