T LABS
Research. Develop. Impact.

TESTLAB FOR THE QUANTUM INTERNET

The Quantum-Lab will participate in the newest developments of quantum communication technologies and bring them to industrial networks. This includes:

- Demonstration of the teleportation of photonic quantum states, enabling the future integration of quantum computers
- Showcasing of the establishment of a quantum repeater with corresponding protocols
- Protocol development for the functions of the quantum internet and the integration to its classical counterpart
- Development and integration of quantum sensing applications.