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	Faculty: Fundamental Problems of Technology (Department of Quantum Technologies)

Qualification:	(e.g. PhD. Eng.) PhD. Habil. Eng.
Note: Work Experience & Area of Research Interest:	I am a theoretical physicist researching foundations of quantum mechanics, its information theoretic formulation, including quantum non-local entanglement phenomena and nano-plasmonics. My research expertise covers i.a. decoherence, quantum communication, quantum information processing and light-matter coupling. I have a research background in protocols for quantum cryptography and QKD (quantum key distribution). Currently I am working in nano-plasmonics theory, researching quantum effects in collective electron excitations and plasmon-polaritons.