



Prof. Dr, Christian Schaffner

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Full Professor of Theoretical Computer Science, University of Amsterdam · Director QuSoft

Prof. Dr. Christian Schaffner is a world-leading expert in quantum cryptography, with nearly two decades of research experience at the intersection of cryptography, quantum computing and information theory. His work covers both conventional cryptography that remains secure against quantum attackers (post-quantum cryptography) and the design of protocols that solve cryptographic problems involving quantum data and quantum communication. He advises industry and public institutions on the transition to quantum-safe security.

He is full professor in Theoretical Computer Science and leads the Theory of Computer Science (TCS) group at the Informatics Institute of the University of Amsterdam. He is director of QuSoft, the Dutch research center for quantum software, where he helps shape the national and European research agenda in the field. His teaching and supervision cover cryptography, quantum information and theoretical computer science, and he has mentored a new generation of researchers in quantum-safe security.

Bridging research and practice, he is co-founder of Eoncore, a startup that develops post-quantum cryptography software to help organizations protect their data against future quantum attacks. He received his diploma in mathematics from ETH Zurich (Switzerland) in 2003 and his PhD in computer science from Aarhus University (Denmark) in 2007.