

CRYPTOGRAPHY

SABRINA KUNZWEILER

CRYPTANALYSIS

POST-QUANTUM
CRYPTOGRAPHY

ELLIPTIC
CURVES

ARITHMETIC
GEOMETRY



WOMEN IN IT SECURITY

Sabrina Kunzweiler is a postdoctoral researcher at the Chair for Cryptography at Ruhr-Universität Bochum (RUB), within the Cluster of Excellence CASA.

Her research focuses on the mathematical foundations of cryptography. In particular, she is working on the design and analysis of protocols in the area of post-quantum cryptography. She holds two master's degrees in mathematics, one from Syracuse University, USA, in 2017 and one from Ulm University in 2018. Furthermore, she received her PhD in arithmetic geometry from Ulm University in 2020.



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