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Author: Fillinger, M.J.

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Curriculum Vitae

Maximilian Fillinger was born in Wuppertal, Germany, on March 22, 1988 and grew up first in the nearby city Remscheid, and later in Wuppertal.

He began his studies at the Heinrich-Heine-Universität Düsseldorf in 2005 and obtained Bachelor degrees in philosophy and mathematics in 2008 and 2009, respectively.

He then enrolled in the Master of Logic programme at the Institute for Logic, Language and Computation of the Universiteit van Amsterdam. During his studies there, he became interested in cryptography. In 2013, he obtained his Master degree. His thesis, titled “Reconstructing the Cryptanalytic Attack behind the Flame Malware”, was written during an internship at the cryptology group of the Centrum Wiskunde & Informatica (CWI) in Amsterdam, supervised by Christian Schaffner and Marc Stevens. Later in 2013, he obtained a PhD position at the cryptology group of the CWI under the supervision of Serge Fehr.

Since 2018, he works as a software developer at Fox-IT in Delft.

Publications

- Guillaume Bonnoron, Léo Ducas and Max Fillinger. *Large FHE Gates from Tensored Homomorphic Accumulator*. In *Progress in Cryptology - AFRICACRYPT 2018*, pages 217-251.
- Serge Fehr and Max Fillinger. *On the Composition of Two-Prover Commitments, and Applications to Multi-round Relativistic Commitments*. In *Advances in Cryptology - EUROCRYPT 2016, part II*, pages 477-496. An earlier version was presented at *QCRYPT 2015*. An extended version is available at <https://arxiv.org/abs/1507.00240>.
- Max Fillinger and Marc Stevens. *Reverse-engineering of the cryptanalytic attack used in the Flame super-malware*. In *Advances in Cryptology - ASIACRYPT 2015, part II*, pages 586-611.
- Serge Fehr and Max Fillinger. *Multi-Prover Commitments Against Non-Signaling Attacks*. In *Advances in Cryptology - CRYPTO 2015, part II*, pages 403-421. Also presented at *QCRYPT 2015*.