

Lorenzo Grassi

Curriculum Vitae

* Born: Italy, October 1989

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🌐 <https://lorenzo3grassi.github.io/>

Updated: January 2026

Current Position

- From 01/02/2025 **Assistant Professor in (Symmetric) Cryptography**
Eindhoven University of Technology (TU/e), Eindhoven, the Netherlands
(Department of Mathematics and Computer Science)
- Analysis and design of symmetric cryptographic primitives over prime fields and integer rings for modern applications
 - *Group Leader*: Prof. Tanja Lange (Coding Theory and Cryptology Group)

Impact

ORCID: <https://orcid.org/0000-0003-1140-0520>
(<https://scholar.google.com/citations?user=bbb0VyMAAAAJ>)

No. publications: **50**

No. citations: **3371** (Google Scholar – 01/02/2026)

H-index: **25** (Google Scholar – 01/02/2026)

Education

- From 01/09/2015 **PhD in Symmetric Cryptography**
to 26/04/2019 *IAIK, Graz University of Technology, Graz (Austria)*
- *Thesis Title*: “Cryptanalysis of AES-like Ciphers and Reviving Old Design Ideas for New Constructions”
 - *Supervisor*: Prof. Christian Rechberger
- From 10/2011 to **Master Degree's in Mathematics**
27/02/2014 *University of the Study of Milano (Italy)*
- *Final grades*: 110/110 cum laude (i.e., highest possible grade in Italian system)
- From 09/2008 to **Bachelor's degree in Mathematics for Applications**
10/2011 *University of the Study of Milano (Italy)*

Research and Professional Experience

- From 01/04/2023 **Consultant at Ponos Technology – Cryptographer (20% of the time)**
to 31/12/2025
- Analysis and design of Zero-Knowledge friendly symmetric cryptographic primitives targeting efficient Hardware implementation
- From 15/03/2023 **PostDoc in Symmetric Cryptography (80% of the time)**
to 28/02/2025 *Ruhr University Bochum, Bochum, Germany*
- *Supervisor*: Prof. Gregor Leander
- From 01/03/2020 **PostDoc in Symmetric Cryptography**
to 28/02/2023 *Radboud University, Nijmegen (Netherlands)*
- *Supervisor*: Prof. Joan Daemen

From 01/02/2022 **Consultant at Ponos Technology – Cryptographer** (*Contract Hours*)
to 28/02/2023

From 27/04/2019 **PostDoc in Symmetric Cryptography**
to 29/02/2020 *IAIK, Graz University of Technology, Graz (Austria)*
○ *Supervisor:* Prof. Christian Rechberger

From 23/06/2014 **Internship at STMicroelectronics – Cryptographer**
to 22/12/2014 *Agrate Brianza (Italy)*
○ *Tutor:* Eng. Guido Marco Bertoni (AST Security Lab)

Research Grants

ERC 2024 “*SYMPZON – Getting SYMmetric CryPtography Out of its Comfort ZONE*”, European Research Council (ERC) Starting Grant, for 5 years starting in January 2025 – approx 1.500.000 euro

“*Design and Cryptanalysis of Symmetric Cryptographic Primitives for Zero-Knowledge Applications*”, Ethereum Foundation – Academic Grant Program 2024,¹ for 1 year starting in June 2024 – approx 50.000 euro

“*Design and Cryptanalysis of Symmetric Cryptographic Primitives for Secure Computations*”, CASA Jump.Start Program for Postdocs² (Germany), for 2 years starting in March 2023 – approx 200.000 euro

PhD Students

From 01/10/2025 Berenika Richterová
Supported by the ERC starting grant 2024 “SYMPZON”

From 01/02/2026 Matthijs Bosch
Supported by the ERC starting grant 2024 “SYMPZON”

From 01/03/2026 Aimad Chabounia
Supported by the ERC starting grant 2024 “SYMPZON”

Service – Program Committees and Editorial Boards

FSE/ToSC 2025: **General Co-Chair** (together with Prof. Marco Pedicini)

Program Committee **EUROCRYPT 2026 – EUROCRYPT 2024**
Member: **CRYPTO 2026 – CRYPTO 2025 – CRYPTO 2024**
ASIACRYPT 2023

SCN 2026
LightSEC 2025
Africacrypt 2023 – Africacrypt 2022

Member of the **FSE/ToSC 2023/2024**
Editorial Board: **FSE/ToSC 2022/2023**
FSE/ToSC 2021/2022

*SPRING 2026:*³ Co-organizer (together with Prof. Marco Pedicini)

*ALPSY 2024:*⁴ Co-organizer (together with Prof. Arnab Roy, Prof. Christian Rechberger, and Reinhard Lueftenegger)

External Reviewer: Top-level conferences and journals, including: CRYPTO, EUROCRYPT, ASIACRYPT, FSE/ToSC, Journal of Cryptology, and DCC (Designs, Codes and Cryptography)

¹<https://esp.ethereum.foundation/academic-grants>

²<https://casa.rub.de/en/jobs/casa-jump-start-program-for-postdocs>

³<https://lorenzo3grassi.github.io/SPRING26/spring26.html>

⁴<https://alpsy-workshop.github.io/alpsy24/>

Publications

Please, note (1st) that IACR's CRYPTO, EUROCRYPT and ASIACRYPT are generally considered the most important publication venues in the world for cryptographic academic research (A*-rank conference are highlighted), and (2nd) that, in cryptography, authors are always listed in alphabetical order.

- FSE/ToSC 2025(4) M. Urani, L. Grassi: *“Corrigendum to “Invertible Quadratic Non-Linear Layers for MPC-/FHE-/ZK-Friendly Schemes over $\mathbb{F}_p^n$ – Application to Poseidon””*. DOI: ???
- CiC 2(4) L. Grassi, D. Khovratovich, K. Koschatko, C. Rechberger, M. Schofnegger, V. Schröpel, Z. Wu: *“Poseidon(2)b - Binary Field Versions of Poseidon/Poseidon2”*. DOI: 10.62056/a66ce0zn4
- TCHES 2025(4) B. Balon, L. Grassi, P. Méaux, T. Moos, F.-X. Standaert, M. J. Steiner: *“mid-pSquare: Leveraging the Strong Side-Channel Security of Prime-Field Masking in Software”*. DOI: 10.46586/TCHES.V2025.I4.486-519
- Designs, Codes and Cryptography, 2025 L. Grassi: *“On Generalizations of the Lai-Massey Scheme”*. DOI: 10.1007/S10623-025-01672-2
- FSE/ToSC 2025(2) L. Grassi, K. Koschatko, C. Rechberger: *“Poseidon and Neptune: Gröbner Basis Cryptanalysis Exploiting Subspace Trails”*. DOI: 10.46586/TOSC.V2025.i2.34-86
- TCHES 2025(2) C. Bouvier, L. Grassi, D. Khovratovich, K. Koschatko, C. Rechberger, F. Schmid, M. Schofnegger: *“Skyscraper: Fast Hashing on Big Primes”*. DOI: 10.46586/TCHES.V2025.I2.743-780
- FSE/ToSC 2024(4) F. Liu, K. Koschatko, L. Grassi, H. Yan, S. Chen, S. Banik, W. Meier : *“Opening the Blackbox: Collision Attacks on Round-Reduced Tip5, Tip4, Tip4' and Monolith”*. DOI: 10.46586/TOSC.V2024.I4.97-137
- ASIACRYPT 2024 A. F. Gutierrez, L. Grassi, G. Leander, F. Sibleyras, Y. Todo: *“Generic Practical Cryptanalysis for the Sum of Round-Reduced Block Ciphers and ZIP-AES”*. DOI: 10.1007/978-981-96-0947-5_10
- FSE/ToSC 2024(3) L. Grassi, D. Khovratovich, R. Lüftenegger, C. Rechberger, M. Schofnegger, R. Walch: *“Monolith: Circuit-Friendly Hash Functions with New Nonlinear Layers for Fast and Constant-Time Implementations”*. DOI: 10.46586/tosc.v2024.i3.44-83
- SAC 2024 L. Grassi, F. Liu, C. Rechberger, F. Schmid, R. Walch, Q. Wang: *“Minimize the Randomness in Rasta-Like Designs: How Far Can We Go? (Application to Pasta)”*. DOI: 10.1007/978-3-031-82841-6_9
- EUROCRYPT 2024** L. Grassi, L. Masure, P. Méaux, T. Moos, F.-X. Standaert: *“Generalized Feistel Ciphers for Efficient Prime Field Masking”*. DOI: 10.1007/978-3-031-58734-4_7
- CRYPTO 2023** L. Grassi, Y. Hao, C. Rechberger, M. Schofnegger, R. Walch, Q. Wang: *“Horst Meets Fluid-SPN: Griffin for Zero-Knowledge Applications”*. DOI: 10.1007/978-3-031-38548-3_19
- CRYPTO 2023** L. Grassi, I. Manterola Ayala, M. Norberg Hovd, H. Raddum, Q. Wang, M. Øyegarden: *“Cryptanalysis of Symmetric Primitives over Rings and a Key Recovery Attack on Rubato”*. DOI: 10.1007/978-3-031-38548-3_11
- CRYPTO 2023** F. Liu, L. Grassi, C. Bouvier, W. Meier, T. Isobe: *“Coefficient Grouping for Complex Affine Layers”*. DOI: 10.1007/978-3-031-38548-3_18
- FSE/ToSC 2023(2) L. Grassi: *“Bounded Surjective Quadratic Functions over $\mathbb{F}_p^n$ for MPC-/ZK-/FHE-Friendly Symmetric Primitives”*. DOI: 10.46586/tosc.v2023.i2.94-131
- AFRICACRYPT 2023 L. Grassi, D. Khovratovich, M. Schofnegger: *“Poseidon2: A Faster Version of the Poseidon Hash Function”*. DOI: 10.1007/978-3-031-37679-5_8
- AFRICACRYPT 2023 G. Giordani, L. Grassi, S. Onofri, M. Pedicini: *“Invertible Quadratic Non-Linear Functions over $\mathbb{F}_p^n$ via Multiple Local Maps”*. DOI: 10.1007/978-3-031-37679-5_7

- TCHES 2023(3) C. Dobraunig, L. Grassi, L. Helming, C. Rechberger, M. Schofnegger, R. Walch: *"Pasta: A Case for Hybrid Homomorphic Encryption"*. DOI: 10.46586/tches.v2023.i3.30-73
- EUROCRYPT 2023 L. Grassi, M. Øygarden, M. Schofnegger, R. Walch: *"From Farfalle to Megafono via Ciminion: The PRF Hydra for MPC Applications"*. DOI: 10.1007/978-3-031-30634-1_9
- ASIACRYPT 2022 L. Grassi, B. Mennink: *"Security of Truncated Permutation Without Initial Value"*. DOI: 10.1007/978-3-031-22966-4_21
- ACM CCS 2022 L. Grassi, D. Khovratovich, R. Lüftenegger, C. Rechberger, M. Schofnegger, R. Walch: *"Reinforced Concrete: Fast Hash Function for Zero Knowledge Proofs and Verifiable Computation"*. DOI: 10.1145/3548606.3560686
- FSE/ToSC 2022(3) L. Grassi, S. Onofri, M. Pedicini, L. Sozzi: *"Invertible Quadratic Non-Linear Layers for MPC-/FHE-/ZK-Friendly Schemes over $\mathbb{F}_p^n$ "*. DOI: 10.46586/tosc.v2022.i3.20-72
- FSE/ToSC 2022(2) A. Mehrdad, J. Daemen, L. Grassi, S. Mella: *"Differential Trail Search in Cryptographic Primitives with Big-Circle Chi"*. DOI: 10.46586/tosc.v2022.i2.253-288
- ACISP 2022 L. Grassi, C. Rechberger: *"Truncated Differential Properties of the Diagonal Set of Inputs for 5-round AES"*. DOI: 10.1007/978-3-031-22301-3_2
- FSE/ToSC 2022(1) L. Grassi, D. Khovratovich, S. Rønjom, M. Schofnegger: *"The Legendre Symbol and the Modulo-2 Operator in Symmetric Schemes over $(\mathbb{F}_p)^n$ "*. DOI: 10.46586/tosc.v2022.i1.5-37
- FSE/ToSC 2022(1) C. Cid, L. Grassi, A. Günsing, R. Lüftenegger, C. Rechberger, M. Schofnegger: *"Influence of the Linear Layer on the Algebraic Degree in SP-Networks"*. DOI: 10.46586/tosc.v2022.i1.110-137
- FSE/ToSC 2021(2) L. Grassi, C. Rechberger, M. Schofnegger: *"Proving Resistance Against Infinitely Long Subspace Trails: How to Choose the Linear Layer"*. DOI: 10.46586/tosc.v2021.i2.314-352
- EUROCRYPT 2021 C. Dobraunig, L. Grassi, A. Guinet, D. Kuijsters: *"Ciminion: Symmetric Encryption Based on Toffoli-Gates over Large Finite Fields"*. DOI: 10.1007/978-3-030-77886-6_1
- USENIX-Security 2021 L. Grassi, D. Khovratovich, C. Rechberger, A. Roy, M. Schofnegger: *"Poseidon: A New Hash Function for Zero-Knowledge Proof Systems"*. Link: <https://www.usenix.org/conference/usenixsecurity21/presentation/grassi>
- INDOCRYPT 2020 L. Grassi, M. Schofnegger: *"Mixture Integral Attacks on Reduced-Round AES with a Known/Secret S-Box"*. DOI: 10.1007/978-3-030-65277-7_14
- ASIACRYPT 2020 M. Eichlseder, L. Grassi, R. Lüftenegger, M. Øygarden, C. Rechberger, M. Schofnegger, Q. Wang: *"An Algebraic Attack on Ciphers with Low-Degree Round Functions: Application to Full MiMC"*. DOI: 10.1007/978-3-030-64837-4_16
- SAC 2020 T. Cui, L. Grassi: *"Algebraic Key-Recovery Attacks on Reduced-Round Xoofff"*. DOI: 10.1007/978-3-030-81652-0_7
- SAC 2020 L. Grassi, G. Leander, C. Rechberger, C. Tezcan, F. Wiemer: *"Weak-Key Distinguishers for AES"*. DOI: 10.1007/978-3-030-81652-0_6
- EUROCRYPT 2020 L. Grassi, R. Lüftenegger, C. Rechberger, D. Rotaru, M. Schofnegger: *"On a Generalization of Substitution-Permutation Networks: The HADES Design Strategy"*. DOI: 10.1007/978-3-030-45724-2_23
- Designs, Codes and Cryptography, 2020 L. Grassi, C. Rechberger: *"Revisiting Gilbert's known-key distinguisher"*. DOI: 10.1007/s10623-020-00756-5
- ASIACRYPT 2019 M. Albrecht, C. Cid, L. Grassi, D. Khovratovich, R. Lüftenegger, C. Rechberger, M. Schofnegger: *"Algebraic Cryptanalysis of STARK-Friendly Designs: Application to MARVELlous and MiMC"*. DOI: 10.1007/978-3-030-34618-8_13

- SAC 2019 L. Grassi: *"Probabilistic Mixture Differential Cryptanalysis on round-reduced AES"*. DOI: 10.1007/978-3-030-38471-5_3
- ESORICS 2019 M. Albrecht, L. Grassi, L. Perrin, S. Ramacher, C. Rechberger, D. Rotaru, A. Roy, M. Schofnegger: *"Feistel Structures for MPC, and More"*. DOI: 10.1007/978-3-030-29962-0_8
- FSE/ToSC 2018(2) L. Grassi: *"Mixture Differential Cryptanalysis: a New Approach to Distinguishers and Attacks on round-reduced AES"*. DOI: 10.13154/tosc.v2018.i2.133-160
- ASIACRYPT 2018 L. Grassi, M. Naya-Plasencia, A. Schrottenloher: *"Quantum Algorithms for the k -xor Problem"*. DOI: 10.1007/978-3-030-03326-2_18
- CRYPTO 2018** C. Dobraunig, M. Eichlseder, L. Grassi, V. Lallemand, G. Leander, E. List, F. Mendel, C. Rechberger: *"Rasta: A Cipher with Low ANDdepth and Few ANDs per Bit"*. DOI: 10.1007/978-3-319-96884-1_22
- CT-RSA 2018 L. Grassi: *"MixColumns Properties and Attacks on (Round-Reduced) AES with a Single Secret S-Box"*. DOI: 10.1007/978-3-319-76953-0_13
- CT-RSA 2018 Q. Wang, L. Grassi, C. Rechberger: *"Zero-Sum Partitions of PHOTON Permutations"*. DOI: 10.1007/978-3-319-76953-0_15
- EUROCRYPT 2017** L. Grassi, C. Rechberger, S. Rønjom: *"A New Structural-Differential Property of 5-Round AES"*. DOI: 10.1007/978-3-319-56614-6_106
- FSE/ToSC 2016(2) L. Grassi, C. Rechberger, S. Rønjom: *"Subspace Trail Cryptanalysis and its Applications to AES"*. DOI: 10.13154/tosc.v2016.i2.192-225
- ASIACRYPT 2016 M.R. Albrecht, L. Grassi, C. Rechberger, A. Roy, T. Tiessen: *"MiMC: Efficient Encryption and Cryptographic Hashing with Minimal Multiplicative Complexity"*. DOI: 10.1007/978-3-662-53887-6_7
- ACM CCS 2016** L. Grassi, C. Rechberger, D. Rotaru, P. Scholl, N. P. Smart: *"MPC-Friendly Symmetric Key Primitives"*. DOI: 10.1145/2976749.2978332
- INDOCRYPT 2016 L. Grassi, C. Rechberger: *"Practical Low Data-Complexity Subspace-Trail Cryptanalysis of Round-Reduced PRINCE"*. DOI: 10.1007/978-3-319-49890-4_18
- SPACE 2015 G. M. Bertoni, L. Grassi, F. Melzani: *"Simulations of Optical Emissions for Attacking AES and Masked AES"*. DOI: 10.1007/978-3-319-24126-5_11
- M. Sansottera, L. Grassi and A. Giorgilli: *"On the relativistic Lagrange-Laplace secular dynamics for extrasolar systems."* Proceedings of the International Astronomical Union, **9**, 2014. DOI: 10.1017/S174392131400787X

Teaching Activities and Student Supervision

(WiSe $\equiv$ Winter Semester – SuSe $\equiv$ Summer Semester)

- WiSe 2025/2026 *"Introduction to Cryptology"*, Bachelor's course (TU/e), Lecturer
- WiSe 2023/2024 *"Symmetric Cryptanalysis"*, Master's course (RUB), Teaching Assistant
- WiSe 2022/2023 *"Cryptology"*, Master's course (Radboud University), Guest Lecturer (1 lecture)
- WiSe 2022/2023 *"Computer Security"*, Bachelor's course (Radboud University), Teaching Assistant
- WiSe 2019/2020 – *"Applied Cryptography 1"*, Master's course (TU Graz), Co-Lecturer
2018/2019 –
2017/2018
- SuSe 2018/2019 – *"Applied Cryptography 2"*, Master's course (TU Graz), Co-Lecturer
2017/2018 –
2016/2017

Supervision of Bachelor/Master Thesis/Project

(Co-supervised with Prof. Bart Mennink* and Prof. Christian Rechberger[†])

Quinn Ketelaars	Master Thesis 2025/2026: “Round-Level Gröbner Basis Attacks of Poseidon and Neptune”
Sjors Clabbers*	Bachelor Thesis 2021/2022: “Linear Cryptanalysis of round-reduced GIFT”
Giulio Arrigoni†	Bachelor Thesis 2019/2020: “Analysis of 5- and 6-round AES”
Bernhard Ablinger†	Master Project 2018/2019: “Higher-Order Differential over $GF(p)$ ”
Matthias Niel†	Master Project 2017/2018: “Mean and Variance Distinguishers for AES”

Talks

- 02/2026 **Workshop on Zero-Knowledge, Succinct Proofs, and Symmetric Cryptography (ZKSC 2026)**: “Greek and Roman Gods in Symmetric Crypto” Vienna (Austria), joint work
- 11/2025 **Crypto Working Group**: “Symmetric Primitives for MPC-/ZK-/HE-Applications” Utrecht (Netherlands), joint work
- 12/2024 **University of Novi Sad**: “Symmetric Primitives for Future Applications: Poseidon” virtual
- 06/2024 **Xuejia Lai’s 70th Birthday**: “Lai-Massey Scheme: Possible Generalizations” virtual
- 03/2024 **FSE/ToSC**: “Bounded Surjective Quadratic Functions over $\mathbb{F}_p^n$ for MPC-/ZK-/FHE-Friendly Symmetric Primitives” Leuven (Belgium)
- 12/2023 **Asian Workshop on Symmetric Key Cryptography (ASK)**: “Horst and Amaryllises: Possible Generalizations of the Feistel and of the Lai-Massey Schemes” Guangzhou (China)
- 09/2023 **Convegno UMI Crittografia e Codici**: “Symmetric Primitives for MPC-/ZK-/FHE-Applications” Perugia (Italy), joint work
- 09/2023 **Università degli Studi Roma Tre**: “Symmetric Primitives for MPC-/ZK-/FHE-Applications” Roma (Italy), joint work
- 03/2023 **FSE/ToSC**: “Security of Truncated Permutation Without Initial Value” Kobe (Japan), joint work with: S. Onofri, M. Pedicini, L. Sozzi
- 12/2022 **ASIACRYPT**: “Security of Truncated Permutation Without Initial Value” Taipei (Taiwan), joint work with: B. Mennink
- 11/2022 **ACISP**: “Truncated Differential Properties of the Diagonal Set of Inputs for 5-round AES” virtual, joint work with: C. Rechberger
- 09/2022 **FrisiaCrypt**: “Re-thinking Feistel and Lai-Massey schemes: the birth of Horst and Amaryllises” Terschelling (the Netherlands)
- 09/2022 **ERC Workshop: New Directions in Cryptanalysis of AES**: “Cryptanalysis of round-reduced AES” Tel Aviv (Israel), joint work
- 07/2022 **Université Catholique de Louvain**: “Design and Security Analysis of Symmetric Primitives for Multi-Party Computation” Louvain (Belgium), joint work
- 05/2022 **University of Twente**: “Symmetric Primitives for Multi-Party Computation (MPC) Application” Twente (the Netherlands), joint work
- 03/2022 **FSE/ToSC**: “The Legendre Symbol and the Modulo-2 Operator in Symmetric Schemes over $(\mathbb{F}_p)^n$ ” Athens (Greece), joint work with: D. Khovratovich, S. Rønjom, M. Schofnegger
- 03/2022 **Universität Innsbruck**: “Symmetric Primitives for Multi-Party Computation (MPC) Application” Innsbruck (Austria), joint work
- 12/2020 **INDOCRYPT**: “Mixture Integral Attacks on Reduced-Round AES with a Known/Secret S-Box”, virtual, joint work with: M. Schofnegger

- 12/2020 **De Componendis Cifris**: “Symmetric-Key Encryption Schemes for MPC Applications”, virtual, joint work
- 11/2020 **Università degli Studi di Milano**: “Cryptanalysis of round-reduced AES: New Results”, virtual, joint work
- 10/2020 **SAC**: “Weak-Key Distinguishers for AES”, virtual, joint work with: G. Leander, C. Rechberger, C. Tezcan, F. Wiener
- 01/2020 **Dagstuhl Seminar**: “Higher-Order Differential Attacks on Ciphers with Low-Degree Polynomial S-Boxes in $GF(2^n)$: Open Problems”, Dagstuhl (Germany), joint work
- 11/2019 **Università degli Studi Roma Tre**: “Cryptanalysis of round-reduced AES: New Results”, Roma (Italy), joint work
- 08/2019 **SAC**: “Probabilistic Mixture Differential Cryptanalysis on round-reduced AES”, Waterloo (Canada)
- 09/2018 **Centre INRIA de Paris**: “Cryptanalysis of round-reduced AES: New Results”, Paris (France), joint work
- 04/2018 **CT-RSA**: “MixColumns Properties and Attacks on (Round-Reduced) AES with a Single Secret S-Box”, San Francisco (USA)
- 04/2018 **CT-RSA**: “Zero-Sum Partitions of PHOTON Permutations”, San Francisco (USA), joint work with: Q. Wang, C. Rechberger
- 03/2018 **FSE/ToSC**: “Mixture Differential Cryptanalysis: a New Approach to Distinguishers and Attacks on round-reduced AES”, Paris (France)
- 11/2017 **Technical University of Denmark**: “Cryptanalysis of AES: New Results”, Copenhagen (Denmark), joint work
- 05/2017 **EUROCRYPT**: “A New Structural-Differential Property of 5-Round AES”, Paris (France), joint work with: C. Rechberger, S. Rønjom
- 03/2017 **FSE/ToSC**: “Subspace Trail Cryptanalysis and its Applications to AES”, Tokyo (Japan), joint work with: C. Rechberger, S. Rønjom
- 12/2016 **INDOCRYPT**: “Practical Low Data-Complexity Subspace-Trail Cryptanalysis of Round-Reduced PRINCE”, Kolkata (India), joint work with: C. Rechberger
- 12/2015 **SPACE**: “Simulations of Optical Emissions for Attacking AES and Masked AES”, Jaipur (India), joint work with: G. M. Bertoni, F. Melzani

References

Prof. **Tanja Lange**

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Prof. **Christian Rechberger**

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