

**CSAW'19 Applied Research Competition Winners & Finalists** (Finalists listed in random order)

Event	Global Region	Status	Paper	Presenter	Authors
CSAW'19	Europe	<b>1st Place</b>	<a href="#">1 Trillion Dollar Refund – How To Spoof PDF Signatures</a>	Vladislav Mladenov, Ruhr University Bochum	Vladislav Mladenov (Ruhr University Bochum, Chair for Network and Data Security), Christian Mainka (Ruhr University Bochum, Chair for Network and Data Security), Karsten Meyer zu Selhausen (Hackmanit GmbH), Martin Grothe (Ruhr University Bochum, Chair for Network and Data Security) and Joerg Schwenk (Ruhr University Bochum, Chair for Network and Data Security)
CSAW'19	Europe	<b>2nd Place</b>	<a href="#">RIDL: Rogue In-Flight Data Load</a>	Stephan van Schaik, Vrije Universiteit Amsterdam	Stephan van Schaik (Vrije Universiteit Amsterdam), Alyssa Milburn (Vrije Universiteit Amsterdam), Sebastian Osterlund (Vrije Universiteit Amsterdam), Pietro Frigo (Vrije Universiteit Amsterdam), Giorgi Maisuradze (CISPA Helmholtz Center for Information Security Saarland Informatics Campus), Kaveh Razavi (Vrije Universiteit Amsterdam), Herbert Bos (Vrije Universiteit Amsterdam) and Cristiano Giuffrida (Vrije Universiteit Amsterdam)
CSAW'19	Europe	<b>3rd Place</b>	<a href="#">Postcards from the Post-HTTP World: Amplification of HTTPS Vulnerabilities in the Web Ecosystem</a>	Alvise Rabitti, Ca' Foscari Univ.	Stefano Calzavara (Ca' Foscari Univ), Riccardo Focardi (Ca' Foscari Univ. & Cryptosense), Matus Nemecek (Ca' Foscari Univ. & Masaryk Univ), Alvise Rabitti (Ca' Foscari Univ.) and Marco Squarcina (TU Wien)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">Anonymous Multi-Hop Locks for Blockchain Scalability and Interoperability</a>	Clara Schneidewind, TU Wien	Giulio Malavolta (Friedrich-Alexander-University Erlangen-Nürnberg), Pedro Moreno-Sanchez (TU Wien), Clara Schneidewind (TU Wien), Aniket Kate (Purdue University) and Matteo Maffei (TU Wien)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">Cognitive Triaging of Phishing Attacks</a>	Amber van der Heijden, Eindhoven University of Technology	Amber van der Heijden (Eindhoven University of Technology) and Luca Allodi (Eindhoven University of Technology)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">Exploiting correcting codes: On the effectiveness of ecc memory against rowhammer attacks</a>	Lucian Cojocar, Vrije Universiteit Amsterdam	Lucian Cojocar (Vrije Universiteit Amsterdam), Kaveh Razavi (Vrije Universiteit Amsterdam), Cristiano Giuffrida (Vrije Universiteit Amsterdam) and Herbert Bos (Vrije Universiteit Amsterdam)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">Implementing RLWE-based Schemes Using an RSA Co-Processor</a>	Fernando Virdia, University of London, UK	Martin Albrecht (Information Security Group, Royal Holloway, University of London, UK), Christian Hanser (Infineon Technologies Austria AG), Andrea Hoeller (Infineon Technologies Austria AG), Thomas Pöppelmann (Infineon Technologies AG, Germany), Fernando Virdia (Information Security Group, Royal Holloway, University of London, UK) and Andreas Wallner (Infineon Technologies Austria AG)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">M&amp;M: Masks and Macs against Physical Attacks</a>	Lauren De Meyer, KU Leuven, imec - COSIC, Belgium	Lauren De Meyer (KU Leuven, imec - COSIC, Belgium), Victor Arribas (KU Leuven, imec - COSIC, Belgium), Svetla Nikova (KU Leuven, imec - COSIC, Belgium), Ventsislav Nikov (NXP Semiconductors, Belgium) and Vincent Rijmen (KU Leuven, imec - COSIC, Belgium)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">SensorID: Sensor Calibration Fingerprinting for Smartphones</a>	Jiexin Zhang, University of Cambridge	Jiexin Zhang (University of Cambridge), Alastair R. Beresford (University of Cambridge) and Ian Sheret (Polymath Insight Limited)
CSAW'19	Europe	<b>Finalist</b>	<a href="#">Stack Overflow Considered Helpful! Deep Learning Security Nudges Towards Stronger Cryptography</a>	Felix Fischer, Technical University of Munich	Felix Fischer (Technical University of Munich), Huang Xiao (Bosch Center for Artificial Intelligence), Ching-Yu Kao (Fraunhofer AISEC), Yannick Stachelscheid (Technical University of Munich), Benjamin Johnson (Technical University of Munich), Danial Raza (Technical University of Munich), Paul Fawkesley (Projects by IF), Nat Buckley (Projects by IF), Konstantin Böttinger (Fraunhofer AISEC), Paul Muntean (Technical University of Munich) and Jens Grossklags (Technical University of Munich)