

KASTEL Security Research Labs

Insight
2024|2025



KASTEL

Part II: Facts &
Numbers



Editorial Notes

Published by

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Our Success in “Facts & Numbers”

In Part I of our annual report “Insight” 2024/2025, we presented structures, people, and current developments of KASTEL Security Research Labs and illustrating them through a number of highlights. Here (in Part II), we explain and document the success of our research in the form of “Facts and Numbers”.

The number and quality of our publications are conventional key performance indicators for measuring the success of our work. This is also reflected in the awards we have received for our achievements. However, we would also like to present additional “indicators” that are often not formally quantifiable and typically remain unspecified. One important aspect is the transfer of our activities, which we would like to highlight this year.

We regard it as our particular responsibility to society that our research is aligned with concrete applications right from the conception phase. The overarching aim is to make our results and expertise usable beyond the boundaries of the immediate academic environment: for industry, politics, in expert committees, and directly for so-

ciety. The participation of KASTEL Security Research Labs Fellows and Members in standardization committees, in the organization and technical support of scientific symposia, and at public events are just as essential building blocks as cooperation with partners from research organizations and industry.

Another important aspect of transfer is education. The close link between KASTEL Security Research Labs and KIT as the research university in the Helmholtz Association gives us the opportunity to pass on our expertise through training of students and scientists.

Last but not least, we also provide an overview of the diversity aspects of our activities. We are delighted that in 2025 211 scientists from 20 nations contribute to KASTEL Security Research Labs.

Prof. Dr. Jörn Müller-Quade

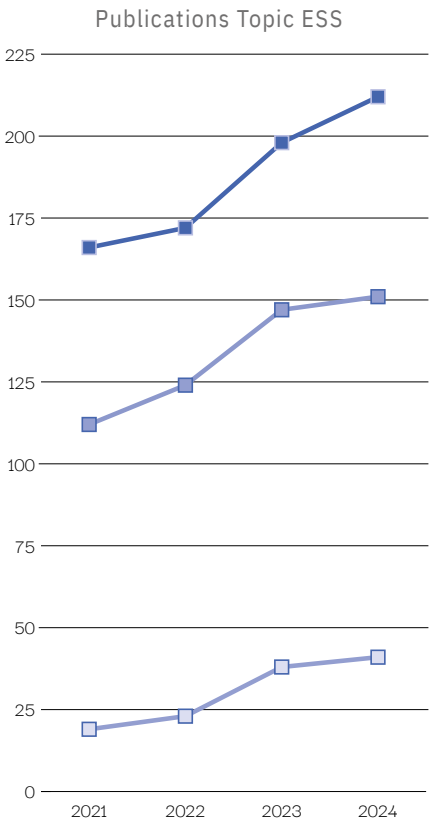
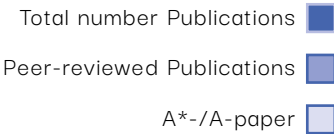
**Spokesperson of
KASTEL Security Research Labs**



Publications

(Number of Researchers 2025 – 211)

Publications (update)	2021	2022	2023	2024
Total number of publications	166	172	198	212
Number of peer-reviewed publications	112	124	147	151
· thereof WoS-/Scopus-indexed publications	84	96	108	112
· thereof A*-/A-ranked publications (CORE)	19	23	38	41
· thereof other peer-reviewed publications	28	28	39	39
Number of non-peer-reviewed publications	54	48	51	61



Awards 2024/2025

2024

- “Stefano Rodotà Data Protection Award 2024”, Article Category, Council of Europe, Convention 108 on Data Protection, January 29, 2024.
L. Kyi, S. Ammanaghatta Shivakumar, C. Teixeira Santos, F. Roesner, F. Zufall & A.J. Biega (2023): Investigating Deceptive Design in GDPR’s Legitimate Interest. – CHI ’23: Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems, art. no. 583: 1-16.
- “Distinguished Paper Award”, NDSS Symposium on Usable Security and Privacy (USEC 2024), February 26–March 1, 2024, San Diego, California, USA.
F. Sharevski, M. Mossano, M.F. Veit, G. Schiefer & M. Volkamer (2024): Exploring Phishing Threats through QR Codes in Naturalistic Settings. – Network and Distributed System Security (NDSS) Symposium 2024: 1-17.
- “FameLab Germany”, Competition for Science Communication, April 12, 2024, Karlsruhe. Silver medal and Audience Prize. Presentation about differential privacy and the anonymization of trajectories: Patricia Guerra Balboa.
- “10-year Most Influential Paper Award”, 15th ACM/SPEC International Conference on Performance Engineering (ICPE 2024), May 7–11, 2024, South Kensington, London, UK.
D. Perez-Palacin & R. Mirandola (2014): Uncertainties in the Modeling of Self-adaptive Systems: A Taxonomy and an Example of Availability Evaluation. – ICPE’14: Proceedings of the 5th ACM/ SPEC International Conference on Performance Engineering, Dublin, Ireland: 3-14.

- “First prize in the category best Master’s thesis”, 3rd Networking Days (NErD’24), July 2, 2024, Universitat Politècnica de Catalunya, BarcelonaTech: Martin Lange.
- “Second prize in the category best ongoing PhD work”, 3rd Networking Days (NErD’24), July 2, 2024, Universitat Politècnica de Catalunya, BarcelonaTech: Àlex Miranda-Pascual.
- “Young Researcher Best Paper Award”, *Internationale Tagung Wirtschaftsinformatik* (WI 2024), September 16–19, 2024, Würzburg.
T. Dehling & A. Sunyaev (2024): *A Design Theory for Transparency of Information Privacy Practices*. – *Information Systems Research*, 35 (3): 956–977.
- “Sicherheitspreis Baden-Württemberg 2024”, Horst Görtz Stiftung, organization: Fraunhofer SIT | ATHENE, October 11, 2024, Stuttgart: mindUp web + Intelligence GmbH (Project INSPECTION, Partner: KIT).
- “Best Paper Award”, 2nd International Workshop on Re-design Industrial Control Systems with Security (RICSS’24), October 14, 2024, Salt Lake City, Utah, USA.
A. Erba, A.F. Murillo, R. Taormina, S. Galelli & N.O. Tippenhauer (2024): *On Practical Realization of Evasion Attacks for Industrial Control Systems*. – *RICSS ’24: Proceedings of the 2024 Workshop on Re-design Industrial Control Systems with Security*: 9–25.
- Nomination for “10. IT-Sicherheitspreis 2024”, Horst Görtz Stiftung, *Innovationskonferenz Cybersicherheit 2024*, November 7, 2024, Darmstadt (Fraunhofer SIT | ATHENE): Project AUDITOR: *Datenschutz Zertifizierung für Cloud-Dienste* (European Cloud Service Data Protection Certification): Ali Sunyaev, Sebastian Lins, Heiner Teigeler (KIT), Alexander Roßnagel, Christian Geminn, Johannes Müller (University of Kassel), Thomas Niessen (Kompetenznetzwerk Trusted Cloud e.V.).
- “Ausgezeichnete Masterarbeit” (excellent master’s thesis), *Verein für Angewandte Informatik Karlsruhe e.V. (AIK)*, 39. AIK-Symposium “Security and Privacy made in Karlsruhe”, November 8, 2024, Karlsruhe: Tobias Länge, Philipp Matheis.
- “VKSI-Förderpreis 2024 im Bereich der Software-Technik-Grundlagen” (2024 grant in the field of software technology principles), *Verein der Karlsruher Software-Ingenieure (VKSI) e.V.*, December 12, 2024, Karlsruhe: Nils Daniel Niehus.

2025 (as of August 2025)

- “Distinguished Paper Award”, Network and Distributed System Security (NDSS) Symposium 2025, February 24–28, 2025, San Diego, California, USA.
L. Wachter, J. Gremminger, C. Wressnegger, M. Payer & F. Toffalini (2025): *DUMPLING: Fine-grained Differential JavaScript Engine Fuzzing*. – *Network and Distributed System Security (NDSS) Symposium 2025*: 1–17.
- “Open Science Challenge Award”, International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ) 2025, April 7–10, 2025, Barcelona, Spain.
T. Hey, D. Fuchs, J. Keim & A. Koziol (2025): *Requirements Traceability Link Recovery via Retrieval-Augmented Generation*. – In: A. Hess & A. Susi (eds): *Requirements Engineering: Foundation for Software Quality. REFSQ 2025. Lecture Notes in Computer Science*, vol. 15588: 381–397.
- “Distinguished Reviewer Award”, 47th International Conference on Software Engineering (ICSE 2025), April 27–May 3, 2025, Ottawa, Canada: Christopher Gerking.
- “Young Investigator Group Preparation Program (YIG Prep Pro) KIT Postdoc Fellowship”, July 1, 2025, KIT: Alessandro Erba.



Activities in Advisory Boards

Expert groups of German Federal Ministries

- Scientific Working Group of the National Cybersecurity Council (*Wissenschaftliche Arbeitsgruppe Nationaler Cyber-Sicherheitsrat*, Cyber-SR), headed by the Federal Ministry of the Interior, BMI, and the Federal Ministry of Research, Technology and Space, BMFTR. Member: Jörn Müller-Quade.
- Federal Ministry for Economic Affairs and Energy, BMW: Expert group “Transformation of the Automotive Industry” (*Expertenkreis “Transformation der Automobilwirtschaft”*). Co-chair: Ina Schaefer.
- Federal Ministry for Economic Affairs and Energy, BMW: “Initiative IT Security in Enterprises” (*Initiative IT-Sicherheit in der Wirtschaft*). Member of Steering Committee: Melanie Volkamer.

Scientific advisory boards

- *acatech* – National Academy of Science and Engineering:
 - Topic network Safety and Security. Speaker: Jörn Müller-Quade; Deputy Speaker: Jürgen Beyerer; Member: Indra Spiecker gen. Döhmman.
 - Topic network Healthcare Technologies. Member: Indra Spiecker gen. Döhmman.
- *acatech: Lernende Systeme* – Germany’s Platform for Artificial Intelligence (funded by BMFTR):
 - Working group “IT Security, Privacy, Legal and Ethical Framework”, Section “IT-Security and Privacy”. Working Group Management: Jörn Müller-Quade; Member: Bernhard Beckert.
 - Working group “Learning Robotic Systems”. Working Group Management: Jürgen Beyerer.
 - Working group “Mobility and Intelligent Transport Systems”. Member: J. Marius Zöllner.
- *acatech*, German National Academy of Sciences Leopoldina, and Union of the German Academies of Sciences and Humanities:
 - Initiative “Energy Systems of the Future” (funded by BMFTR). Member of Board of Directors: Indra Spiecker gen. Döhmman.
- Working Group “Energy prices and security of supply”. Participant: Indra Spiecker gen. Döhmman.
- Working Group “Centralised vs. decentralised power supply”. Participant: Veit Hagenmeyer.
- *Électricité de France*, Paris, France. Member of Scientific Advisory Board: Veit Hagenmeyer.
- Fraunhofer Segment for Defense and Security VVS. Chairman: Jürgen Beyerer.
- German National Academy of Sciences Leopoldina: Focus group Digitisation. Member: Indra Spiecker gen. Döhmman.
- German Research Foundation (DFG):
 - Review Board “Computer Science”, Subject area “Software Engineering and Programming Languages”, Member: Ina Schaefer; Subject area “Data Management, Data-Intensive Systems, Computer Science Methods in Business Informatics”, Member: Ali Sunyaev.
 - Commission for Pandemic Research. Scientific Member: Jörn Müller-Quade.
- HRK German Rectors’ Conference, Standing Committee “Digitization”. Member: Hannes Hartenstein.

Research organizations

- **ATHENE National Research Center for Applied Cybersecurity**, Darmstadt. Coordinator "Legal Aspects of Privacy and IT Security (LeAP)": Indra Spiecker gen. Döhmann.
- **Center for Critical Computational Studies (C3S)**, Goethe University Frankfurt/Main. Managing Director: Indra Spiecker gen. Döhmann.
- **EIFER – European Institute for Energy Research by EDF and KIT**, Karlsruhe. Member of Board of Directors: Veit Hagenmeyer.
- **Fraunhofer Institute of Optronics, System Technologies and Image Exploitation IOSB**, Karlsruhe. Head of Institute: Jürgen Beyerer; Members of the Advisory Board: Ralf Reussner, Indra Spiecker gen. Döhmann.
- **FZI Research Center for Information Technology**, Karlsruhe. Member of Boards of Trustees: Jürgen Beyerer; Members of the Board of Scientific Directors: Bernhard Beckert, Jörn Müller-Quade, Oliver Raabe, Ralf Reussner, Ina Schaefer, J. Marius Zöllner. Research Division "Cybersecurity and Law": Jörn Müller-Quade (Spokesperson), Ingmar Baumgart (Division Manager).
- **ineges – Institute for European Health Care Policy**, Frankfurt/Main. Associated Member: Indra Spiecker gen. Döhmann.
- **Research Center for Data Protection**, Goethe University Frankfurt/Main. Director: Indra Spiecker gen. Döhmann.

Scientific societies

- **German Informatics Society (GI)**:
 - Member of Steering Committee and of the Board of Directors: Ali Sunyaev.
- **Fachbereich "Sicherheit"** (security, special field of GI). Member of Steering Committee: Christian Wressnegger.
 - **Special Interest Group "Formal Methods in Software Engineering, Safety and Security"** (FoMSESS). Member of Steering Committee: Bernhard Beckert.
 - **Special Interest Group "Security – Intrusion Detection and Response"** (SIDAR). Member of Steering Committee: Christian Wressnegger.
 - **Special Interest Group "Privacy-Enhancing Technologies"**. Member of Steering Committee: Thorsten Strufe.
- **Fachbereich "Wirtschaftsinformatik"** (information systems, special field of GI). Spokesperson: Ali Sunyaev.
- **Special Interest Group "Communication and Distributed Systems"** (KuVS), GI, **Fachbereich "Betriebssysteme, Kommunikationssysteme, Verteilte Systeme"** (SYS), and **Informationstechnische Gesellschaft im VDE (ITG)**. Members of the Extended Steering Board: Thorsten Strufe, Martina Zitterbart.

Research initiatives

- **“AIDOaRt – AI-augmented Automation for DevOps, a model-based framework for continuous development at RunTime in cyber-physical systems”**. EU-project, program Horizon Europe. Member of Advisory Board: Raffaella Mirandola.
- **“Dialog für Cybersicherheit”** (dialog for cybersecurity), Federal Office for Information Security (BSI). Member of Dialog Committee, Science Stakeholder Group: Anne Hennig.
- **e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Württemberg**. Member of Board of Advisors: J. Marius Zöllner.
- **“ENSURE”**. Kopernikus project, funded by the Federal Ministry for Research, Technology and Space, BMFTR. Director: Veit Hagenmeyer.
- **Fraunhofer Strategic Research Field Artificial Intelligence**. Spokesman: Jürgen Beyerer.
- **“MEDI:CUS”** – Platform headed by the Ministry of the Interior, Digitalisation and Local Government Baden-Württemberg. Member of Advisory Board: Emilia Grass.
- **National Research Data Infrastructure for and with Computer Science (NFDIxCs)** (consortium funded by German Research Foundation, DFG, in cooperation with German National Research Data Infrastructure, NFDI). Member of Executive Board: Anne Koziolek.
- **“RED ROSES – Responsive, Data ecosystem for Resilient and Operational Security Strategies”**. EU-project, program Horizon Europe. Member of Advisory Board: Marcus Wiens.
- **Schloss Dagstuhl, Leibniz Center for Informatics**, Wadern. Member of Scientific Directorate: Martina Zitterbart; Member of Advisory Board: Hannes Hartenstein.
- **Test Area Autonomous Driving Baden-Württemberg**. Spokesperson: J. Marius Zöllner.

Attack on traffic light recognition at “Test Area Autonomous Driving Baden-Württemberg”.





Contributions to Standardization

National

- *Deutsche Kommission Elektrotechnik Elektronik Informationstechnik* (DKE, German Commission for Electrical, Electronic, and Information Technologies): DKE/AK 901.0.42 *KI in der Energietechnik* (AI in energy technology). DKE/AK 952.0.15 *DKE-ETG-ITG Informationssicherheit in der Netz- und Stationsleittechnik* (Information security in network and substation control technology).
- *VDI-Gesellschaft Energie und Umwelt* (VDI-Association for Energy and Environment): *Fachbereich Energie- und Umwelttechnik: Expertenrat im Richtlinienausschuss* (VDI-EE 4603 Part 3 – Project “IT Sicherheit und Informationssicherheit für Betriebsmanagementsysteme in der Energiewirtschaft” (IT security and information security for operational management systems in the energy industry).

International

- **Digital Governance Standards Institute** (DGSi), Canada: CAN/DGSi 111-1: Online Electoral Voting – Part 1: Implementation of Online Voting in Canadian Municipal Elections.
- **International Electrotechnical Commission** (IEC): IEC/TC 57: Power systems management and associated information exchange – Data and communication security – standard series IEC 60870-5, IEC 60870-6, IEC 61850, IEC 61970, IEC 61968, and IEC 62351.
- **International Society of Automation** (ISA Europe): ISA99 standards committee (ISA 99 Industrial Automation and Control Systems Security). Training courses for ISA/IEC 62443 series of standards.
- **National Institute for Standards and Technology** (NIST), Gaithersburg, Maryland, USA: Project Post-Quantum Cryptography.
- **OPC Foundation**, Arizona, USA: OPC UA Working Group Secure Elements (SecElem), specification of OPC UA extensions for the use of hardware trust anchors.

Activities in Conference Boards and Committees

CORE A*/A conferences are highlighted.
2024 (2nd half)

- | | |
|--|---|
| <ul style="list-style-type: none">· International Joint Conference on Automated Reasoning (IJCAR 2024), July 1–6, 2024, Nancy, France. Member of Program Committee: André Platzer.· 9th IEEE European Symposium on Security and Privacy (EuroS&P), July 8–12, 2024, Vienna, Austria. Member of Organizing and Program Committee: Christian Wressnegger. | <ul style="list-style-type: none">· First Workshop on Accessible Security & Privacy (WASP), July 12, 2024, Vienna, Austria. Members of Program Committee: Peter Mayer, Mattia Mossano, Maxime Veit.· 6th IEEE International Conference on Decentralized Applications and Infrastructures (DAPPS 2024), July 15–18, 2024, Shanghai, China. Member of Program Committee: Jonas Schiffel. |
|--|---|

- **24th Privacy Enhancing Technologies Symposium (PETS 2024)**, July 15–20, 2024, Bristol, UK. Member of Program Committee / Editorial Board: Peter Mayer; Artifact Co-Chair: Maximilian Noppel; Members of Artifact Review Committee: Maximilian Noppel, Daniel Schadt, Julian Todt.
- **International Conference on Availability, Reliability, and Security (ARES)**, July 30–August 2, 2024, Vienna, Austria. Member of Steering Committee: Melanie Volkamer; Members of Program Committee: Ingmar Baumgart, Benjamin Berens, Pascal Birnstill, Christian Haas, Anne Hennig, Maximilian Noppel, Melanie Volkamer.
- **1st Workshop on Societal & User-Centered Privacy in AI (SUPA)**, August 11, 2024, Philadelphia, Pennsylvania, USA. Member of Program Committee: Benjamin Berens.
- **Twentieth Symposium on Usable Privacy and Security (SOUPS 2024)**, August 11–13, 2024, Philadelphia, Pennsylvania, USA. Member of Technical Papers Committee: Peter Mayer; Members of Poster Jury: Anne Hennig, Maxime Veit.
- **33rd USENIX Security Symposium**, August 14–16, 2024, Philadelphia, Pennsylvania, USA. Members of Program Committee: Patricia Arias Cabarcos, Christian Wressnegger; Member of Artifact Evaluation Committee: Yilin Ji.
- **Selected Areas in Cryptography 2024 (SAC)**, August 26–30, 2024, Montréal, Canada. Member of Program Committee: Thorsten Strufe.
- **50th Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2024)**, August 28–30, 2024, Paris, France. Member of Program Committee: Christopher Gerking.
- **28th ACM International Systems and Software Product Line Conference (SPLC 2024)**, September 2–6, 2024, Luxembourg. Member of Program Committee: Kevin Feichtinger.

- **18th European Conference on Software Architecture (ECSA 2024)**, September 3–6, 2024, Luxembourg. Member of Steering Committee: Raffaella Mirandola; Member of Organizing Committee: Robert Heinrich; Co-Chair in Program Committee, Journal First-track: Robert Heinrich; Members of Program Committee: Robert Heinrich, Anne Koziolek, Raffaella Mirandola.
- **2nd International Workshop on “Open Source Modelling and Simulation of Energy Systems” (OSMSES 2024)**, September 3–6, 2024, Vienna, Austria. Member of Organizing Committee, Tutorial Chair: Veit Hagenmeyer.
- **26th International Symposium on Formal Methods (FM24)**, September 9–13, 2024, Milan, Italy. Member of Organizing Committee (PC Chair): André Platzer.
- **Internationale Tagung Wirtschaftsinformatik 2024**, September 16–19, 2024, Würzburg. Associate Editor, Track Digital Finance: Niclas Kannengießer.
- **5th IEEE International Conference on Autonomic Computing and Self-Organizing Systems (ACSOS 2024)**, September 16–20, 2024, Aarhus, Denmark. Member of Program Committee: Raffaella Mirandola.
- **29th European Symposium on Research in Computer Security (ESORICS 2024)**, September 16–20, 2024, Bydgoszcz, Poland. Members of Program Committee: Hannes Hartenstein, Thorsten Strufe.
- **IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (SmartGridComm)**, September 17–20, 2024, Oslo, Norway. Member of Technical Program Committee: Ghada Elbez.
- **6th International Workshop on Multi-Paradigm Modeling for Cyber-Physical Systems (MPM4CPS’24)**, September 22, 2024, Linz, Austria. Member of Organizing Committee: Robert Heinrich.

- **First International Workshop on Model Management (MoM)**, September 22–24, 2024, Linz, Austria. Members of Program Committee: Robert Heinrich, Anne Koziolk.
- ***Recht und Technik: Datenschutz im Diskurs* (RuT2024)**, September 26, 2024, Wiesbaden. Member of Organizing Committee: Indra Spiecker gen. Döhm.
- **The 2024 European Symposium on Usable Security (EuroUSEC 2024)**, September 30–October 1, 2024, Karlstad, Sweden. Member of Steering Committee: Melanie Volkamer; Members of Program Committee: Patricia Arias Cabarcos, Anne Hennig.
- **Ninth International Joint Conference on Electronic Voting (E-Vote-ID 2024)**, October 2–4, 2024, Tarragona, Spain. Members of Programme Committee including: General Chair: Melanie Volkamer; Track Chair Poster and Demo Session: Michael Kirsten; Track Security, Usability, and Technical Issues: Bernhard Beckert, Michael Kirsten.
- **49th IEEE Conference on Local Computer Networks (LCN)**, October 8–10, 2024, Caen, France. Member of Technical Program Committee: Martina Zitterbart.
- **The 13th DACH+ Conference on Energy Informatics 2024**, October 9–11, 2024, Lugano, Switzerland. Member of Technical Program Committee: Veit Hagenmeyer.
- **Workshop on Privacy in the Electronic Society (WPES)**, October 14, 2024, Salt Lake City, Utah, USA. Member of Program Committee: Thorsten Strufe.
- **ACM Conference on Computer and Communications Security (CCS 2024)**, October 14–18, 2024, Salt Lake City, Utah, USA. Members of Program Committee: Patricia Arias Cabarcos, Tapas Pal, Thorsten Strufe, Christian Wressnegger.
- **17th ACM Workshop on Artificial Intelligence and Security (AISec 2024)**, October 18, 2024, Salt Lake City, USA. Members of Program Committee: Maximilian Noppel, Christian Wressnegger (Top Reviewer), Alessandro Erba (Reviewer).
- **1st International Workshop on Security and Privacy Aspects of Integrated Sensing and Communication (ISAC) in 6G (S&P ISAC 2024)**, October 21–24, 2024, Paris, France. Co-Chair: Thorsten Strufe.
- **12th International Symposium, ISO LA 2024**, October 27–31, 2024, Crete, Greece. Track Organizer “X-by-Construction Meets AI”: Ina Schaefer.
- **15th Symposium on Software Performance (SSP 2024)**, November 6–7, 2024, Linz, Austria. Members of Steering Committee: Anne Koziolk, Ralf Reussner; Members of Program Committee: Sebastian Hahner, Robert Heinrich, Martina Rapp-Sieger, Larissa Schmid.
- **39. AIK-Symposium Security and Privacy made in Karlsruhe**, November 8, 2024, Karlsruhe. Program Chair: Melanie Volkamer.
- **13. Frankfurter IT-Rechtstag**, November 15–16, 2024, Frankfurt/Main. Member of Organizing Committee: Indra Spiecker gen. Döhm.
- **30th International Conference on Cooperative Information Systems (CoopIS 2024)**, November 19–21, 2024, Porto, Portugal. Member of Program Committee: Ingmar Baumgart.
- **3rd International Conference on Security & Privacy (ICSP 2024)**, November 20–21, 2024, Jamshedpur, India. Member of Technical Program Committee: Tapas Pal.

- **Annual Computer Security Applications Conference (ACSAC 2024)**, December 9-13, 2024, Waikiki, Hawaii, USA. Member of Organizing Committee: Peter Mayer; Member of Program Committee: Christian Wressnegger.

- **The Thirty-Eighth Annual Conference on Neural Information Processing Systems (NeurIPS 2024)**, December 10-15, 2024, Cancouwer, Canada. Member of Program Committee: Samuel Teuber.

- **Indocrypt 2024**, December 18-21, 2024, Chennai, India. Member of Program Committee: Tapas Pal.

2025

- **Symposium on Usable Security and Privacy (USEC) 2025**, February 24, 2025, San Diego, California, USA. Member of Program Committee: Patricia Arias Cabarcos.

- **GI-Software Engineering (SE 2025)**, February 24-28, 2025, Karlsruhe. General Chair: Anne Koziolk; Members of Organizing Committee: Erik Burger, Kevin Feichtinger, Dominik Fuchß, Sebastian Hahner, Hamideh Hajiabadi, Tobias Hey, Jan Keim, Ralf Reussner, Larissa Schmid, Snigdha Singh.

- **Machine Learning for Cyber-Physical Systems (ML4CPS)**, March 6-7, 2025, Berlin. General Chair: Jürgen Beyerer.

- **PETs and AI: Privacy Washing and the Need for a PETs Evaluation Framework (Dagstuhl Seminar 25112)**, March 9-14, 2025, Wadern. Member of Organizing Committee: Thorsten Strufe.

- **ROBUST 2025 Workshop "Resilient Operations - Byzantine Fault Tolerance and State-Machine Replication"**, March 17-18, 2025, Karlsruhe. Member of Program Committee: Hannes Hartenstein.

- **IEEE International Conference on Pervasive Computing and Communications (PerCom 2025)**, March 17-21, 2025, Washington DC, USA. Member of Program Committee: Thorsten Strufe.

- **7th International Conference on Optical Characterization of Materials (OCM 2025)**, March 26-27, 2025, Karlsruhe. General Chair: Jürgen Beyerer.

- **22nd IEEE International Conference on Software Architecture (ICSA 2025)**, March 31-April 4, 2025, Dense, Denmark. Members of Steering Committee: Anne Koziolk, Raffaella Mirandola, Ralf Reussner; Member of Organizing Committee, Program Co-Chair: Raffaella Mirandola; Members of Program Committee, Research Papers Track: Robert Heinrich, Anne Koziolk, Raffaella Mirandola, Ralf Reussner.

- **13th edition of the track on Software Architecture: Theory, Technology, and Applications (SA-TTA 2025)**, March 31-April 4, 2025, Catania, Italy. Member of Steering Committee: Raffaella Mirandola. Member of Program Committee: Robert Heinrich.

- **3rd IEEE Conference on Secure and Trustworthy Machine Learning (SaTML 2025)**, April 9-11, 2025, Copenhagen, Denmark. Members of Program Committee: Alessandro Erba, Christian Wressnegger.

- **Financial Cryptography and Data Security 2025 (FC)**, Twenty-Ninth International Conference, April 14-18, 2025, Miyakojima, Japan. Member of Programm Committee: Hannes Hartenstein.

- **ACM CHI Conference on Human Factors in Computing Systems (CHI 2025)**, April 26–May 1, 2025, Yokohama, Japan. Associate Chairs of Subcommittee Privacy and Security: Benjamin Berens, Peter Mayer, Melanie Volkamer.
- **47th International Conference on Software Engineering (ICSE 2025)**, April 27–May 3, 2025, Ottawa, Canada. Area Co-Chair for Dependability and Security: Raffaella Mirandola; Members of Research Track Committee: Christopher Gerking, Anne Koziulek, Raffaella Mirandola; Members of Committee Software Engineering in Society: Nicolas Boltz, Raffaella Mirandola; Member of Artifact Evaluation Committee: Jan Keim
- **6th International Workshop on Quantum Software Engineering (Q-SE 2025)**, April 27–May 3, 2025, Ottawa, Canada. Member of Program Committee: Ina Schaefer.
- **20th International Conference on Software Engineering for Adaptive and Self-Managing Systems (SEAMS 2025)**, April 28–29, 2025, Ottawa, Canada. Member of Steering Committee and Program Committee: Raffaella Mirandola.
- **International Joint Conference on Theory and Practice of Software (ETAPS 2025)**, May 3–8, 2025, Hamilton, Canada. Members of Steering Committee: Bernhard Beckert, Mattias Ulbrich.
- **International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS)**, May 3–8, 2025, Hamilton, Canada. Member of Program Committee: André Platzer.
- **5th International Workshop on Formal Methods for Blockchains (FMBC 2025)**, May 4, 2025, Hamilton, Canada. Member of Program Committee: Bernhard Beckert.
- **EUROCRYPT 2025**, May 4–8, 2025, Madrid, Spain. Member of Program Committee: Michael Klooß.
- **16th ACM/SPEC International Conference on Performance Engineering (ICPE 2025)**, May 5–9, 2025, Toronto, Canada. Member of Steering Committee, Member of Organizing Committee (Journal-First Track Co-Chair): Raffaella Mirandola; Member of Program Committee: Anne Koziulek.
- **International Conference on Practice and Theory in Public Key Cryptography (PKC 2025)**, May 12–15, 2025, Røros, Norway. Members of Program Committee: Andy Rupp, Rebecca Schwerdt.
- **46th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI 2025)**, June 16–20, 2025, Seoul, South Korea. Member of Review Committee: André Platzer.
- **ACM SIGEnergy Workshop on Cybersecurity and Privacy of Energy Systems (ACM EnergySP '25)**, June 17, 2025, Rotterdam, the Netherlands. Workshop Co-Chairs, Members of Program Committee: Kaibin Bao, Ghada Elbez.
- **16th ACM International Conference on Future and Sustainable Energy Systems (ACM e-Energy 2025)**, June 18–20, 2025, Rotterdam, the Netherlands. Member of Technical Program Committee: Veit Hagenmeyer.
- **Fortieth Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)**, June 23–26, 2025, Singapore. Member of Program Committee: André Platzer.
- **23rd International Conference on Applied Cryptography and Network Security (ACNS 2025)**, June 23–26, 2025, Munich. Members of Program Committee: Alessandro Erba, Jeremias Mechler.

- **International Workshop on Foundations and Applications of Privacy-Enhancing Cryptography (PrivCrypt)**, June 24, 2025, Munich. Member of Program Committee: Andy Rupp.
- **4th Workshop on Rethinking Malware Analysis (WoRMA)**, June 30, 2025, Venice, Italy. Member of Program Committee: Alessandro Erba.
- **10th IEEE European Symposium on Security and Privacy (EuroS&P)**, June 30–July 4, 2025, Venice, Italy. Member of Organizing Committee, Workshop Chair: Christian Wressnegger; Members of Program Committee: Thorsten Strufe, Christian Wressnegger.
- **2nd Workshop on Accessible Security & Privacy (WASP 2025)**, July 4, 2025, Venice, Italy. Members of Program Committee: Peter Mayer, Mattia Mossano, Maxime Veit.
- **The Sixth Interdisciplinary Summerschool on Privacy (ISP 2025)**, July 6–11, 2025, Berg en Dal, the Netherlands. Member of Steering Committee: Thorsten Strufe.
- **25th Privacy Enhancing Technologies Symposium (PETS 2025)**, July 14–19, 2025, Washington, DC, USA. Members of Program Committee: Andy Rupp, Thorsten Strufe; Artifact Chair: Maximilian Noppel; Members of Artifact Review Committee: Daniel Schadt, Julian Todt.
- **30th International Conference on Automated Deduction (CADE-30)**, July 28–August 2, 2025, Stuttgart. Member of Program Committee. André Platzer.
- **Twenty-First Symposium on Usable Privacy and Security (SOUPS 2025)**, August 10–12, 2025, Seattle, Washington, USA. Member of Technical Papers Committee: Peter Mayer; Member of Poster Jury: Anne Hennig.
- **International Conference on Availability, Reliability, and Security (ARES)**, August 11–14, 2025, Ghent, Belgium. Member of Steering Committee: Melanie Volkamer; Members of Program Committee: Ingmar Baumgart, Pascal Birnstill, Anne Hennig, Maximilian Noppel.
- **34th USENIX Security Symposium**, August 13–15, 2025, Seattle, Washington, USA. Members of Program Committee: Patricia Arias Cabarcos, Alessandro Erba, Gustavo Sánchez, Thorsten Strufe, Christian Wressnegger; Member of Artifact Evaluation Committee: Gustavo Sánchez.
- **2nd Workshop on Security, Privacy and Information Theory (Protect-IT'25)**, August 26, 2025, Hanoi, Vietnam. Member of Technical Program Committee: Thorsten Strufe.
- **5th International Workshop on Quantum Software Engineering and Technology (Q-Set)**, August 31–September 5, 2025, Albuquerque, New Mexico, USA. Member of Programme Committee: Ina Schaefer.
- **33rd IEEE International Requirements Engineering 2025 Conference (RE'25)**, September 1–5, 2025, Valencia, Spain. Member of Program Committee: Anne Koziolk.
- **29th ACM International Systems and Software Product Line Conference (SPLC 2025)**, September 1–5, 2025, A Coruña, Spain. Members of Program Committee: Kevin Feichtinger, Ina Schaefer.
- **The 2025 European Symposium on Usable Security (EuroUSEC 2025)**, September 10–11, 2025, Manchester, UK. Member of Steering Committee: Melanie Volkamer; Member of Program Committee: Anne Hennig.

- **51st Euromicro Conference on Software Engineering and Advanced Applications** (SEAA 2025), September 10–12, 2025, Salerno, Italy. Member of Program Committee, Cyber-Physical Systems (CPS): Christopher Gerking.
- **KES Session on 'Detection of Complex Attacks'** (KES-DCA 2025), September 10–12, 2025, Osaka, Japan. Member of Program Committee: Ankush Meshram.
- **19th European Conference on Software Architecture** (ECSA 2025), September 15–19, 2025, Limassol, Cyprus. Member of Steering Committee and Organizing Committee: Raffaella Mirandola; Members of Program Committee: Anne Kozirolek, Raffaella Mirandola.
- *Recht und Technik: Datenschutz im Diskurs* (RuT2024), September 26, 2024, Wiesbaden. Member of Organizing Committee: Indra Spiecker gen. Döhmman.
- **30th European Symposium on Research in Computer Security** (ESORICS 2025), September 22–26, 2025, Toulouse, France. Members of Program Committee: Hannes Hartenstein, Thorsten Strufe.
- **Tenth International Joint Conference on Electronic Voting** (E-Vote-ID 2025), October 1–3, 2025, Nancy, France. Members of Programme Committee including: General Chair: Melanie Volkamer; Track Security, Usability, and Technical Issues: Bernhard Beckert.
- **Second International Workshop on Model Management** (MoM), October 5–10, 2025, Grand Rapids, Michigan, USA. Member of Organizing Committee: Thomas Weber; Members of Program Committee: Erik Burger, Lars König, Anne Kozirolek, Ralf Reussner.
- **Trustworthy Evidence-Based Elections** (Dagstuhl Seminar 25411), October 5–10, 2025, Wadern. Member of Organizing Committee: Melanie Volkamer.
- **Workshop on Privacy in the Electronic Society** (WPES), October 13, 2025, Taipei, Taiwan. Member of Technical Program Committee: Thorsten Strufe.
- **ACM Conference on Computer and Communications Security** (CCS 2025), October 13–15, 2025, Taipei, Taiwan. Members of Program Committee: Patricia Arias Cabarcos, Thorsten Strufe.
- **49th IEEE Conference on Local Computer Networks** (LCN), October 14–16, 2025, Sydney, Australia. Member of Technical Program Committee: Martina Zitterbart.
- **40. AIK-Symposium KI und angewandte Informatik**, October 24, 2025, Karlsruhe. Program Chair: J. Marius Zöllner.
- **16th Symposium on Software Performance**, November 4–5, 2025, Kiel. Members of Steering Committee: Anne Kozirolek, Ralf Reussner.
- **4th International Conference on Security & Privacy** (ICSP 2025), December 5–7, 2025, Rourkela, India. Member of Technical Program Committee: Tapas Pal.
- **Annual Computer Security Applications Conference** (ACSAC 2025), December 8–12, 2025, Honolulu, Hawaii, USA. Member of Organizing Committee, Publicity Co-Chair: Peter Mayer; Member of Program Committee: Christian Wressnegger.
- **Indocrypt 2025**, December 14–17, 2025, IIIT Bhubaneswar, Odisha, India. Member of Program Committee: Tapas Pal.

Activities in Editorial Boards of Journals

CORE 2020 A*/A journals are highlighted.

- **ACM Formal Aspects of Computing (FAC)**. Member of Editorial Board: André Platzer.
- **ACM Transactions on Autonomous and Adaptive Systems (TAAS)**. Associate Editor: Raffaella Mirandola.
- **ACM Transactions on Privacy and Security (TOPS)**. Member of Editorial Board: Melanie Volkamer.
- **Acta Informatica**, Springer. Member of Editorial Board: André Platzer.
- **AIRe – Journal of AI Law and Regulation**, Lexxion. Member of Editorial Board: Indra Spiecker gen. Döhmnn.
- **Applicable Algebra in Engineering, Communication and Computing**, Springer. Member of Editorial Board: Jörn Müller-Quade.
- **at – Automatisierungstechnik**. Methods and Applications of Automatic Control and Information Technology, De Gruyter. Member of Advisory Board: Jürgen Beyerer.
- **Business & Information Systems Engineering (BISE)**, Springer. Members of Editorial Board: Ali Sunyaev, Scott Thiebes.
- **Computer und Recht (CR)**, Otto Schmidt. Member of Editorial Board: Indra Spiecker gen. Döhmnn.
- **Dagstuhl Reports**, Schloss Dagstuhl. Member of Editorial Board: Martina Zitterbart.
- **Energy Technology**, Wiley. Editorial Advisory Board Chair: Veit Hagenmeyer.
- **European Data Protection Law Review**, Lexxion. Member of Editorial Board: Indra Spiecker gen. Döhmnn.
- **IEEE Transactions on Software Engineering (TSE)**. Member of Editorial Board: Raffaella Mirandola.
- **Informatik-Spektrum**, Springer. Member of Editorial Board: Ralf Reussner.
- **International Journal of Applied Economics, Finance and Accounting**, Online Academic Press. Member of Editorial Board: Marcus Wiens.
- **Journal of Automated Reasoning**, Springer. Member of Editorial Board: André Platzer.
- **Journal of Information Technology**, Sage. Member of Editorial Board: Ali Sunyaev. Special Issue: Decentralised Information Systems: New Thinking and New Paradigms (2025). Member of Editorial Board: Ali Sunyaev.
- **Journal of Systems and Software**, Elsevier. Speciality Editor: Raffaella Mirandola.
- **Machine Learning**, Springer. Special Issue: Explainable AI for Secure Applications (2025). Guest Editor: Christian Wressnegger.
- **Software and Systems Modeling**, Springer. Member of Editorial Board: Ina Schaefer.
- **tm – Technisches Messen**. Measurement Technology – Methods, Sensors, Systems, and Applications, De Gruyter. Member of Advisory Board: Jürgen Beyerer.

Events and Event Series

Event series and regular activities (selected activities)

- **Project StartupSecure** KASTEL supporting start-ups and spin-offs. Technical expertises of project outlines, in cooperation with incubators at ATHENE (Darmstadt), Cube 5 (Bochum), and CISPA (Saarbrücken).
- **"Cybersecurity Training Lab"** (*Lernlabor Cybersicherheit*, funded by BMFTR) by Fraunhofer Academy. Advanced training for companies in the field of industrial cybersecurity. Trainer: Christian Haas.
- **Seminars on "Cybersecurity in Accordance with IEC 62443"**. Association of the German Machinery and Equipment Manufacturing Industry (*Verband Deutscher Maschinen- und Anlagenbau, VDMA*), Institute of Mechanical Engineering. Seminar leader: Christian Haas.
- **Knowledge transfer initiatives "NoPhish" and "Privacy Friendly Apps"**: These initiatives ensure that the findings from research are also incorporated into programs or measures that directly help users. Apps/add-ons are developed that lead to increased security (phishing detection) or improved privacy (PFAs), Research group SECUSO.
- **Exhibition: "NoPhish Challenge Cards"** German Spy Museum, Berlin. Melanie Volkamer: since 2022.

Recent Events (chronological, 2nd half of 2024–2025)

- **Presentation** of criteria catalog for data protection-compliant school information systems: Project "DIRECTIONS – Data Protection Certification for Educational Information Systems": Ali Sunyaev, July 2024.
- **Lecture: "Der menschliche Faktor in der Cybersicherheit, Wirkung und Nutzen von Awarenessmaßnahmen"** (The human factor in cybersecurity, impact, and benefits of awareness measures). *Sicherheitsforum Baden-Württemberg "25 Jahre ganzheitliche Sicherheit – Rückblick, gegenwärtige Herausforderungen, Ausblick"* (25 years of holistic security – review, current challenges, outlook), *Allianz für Sicherheit in der Wirtschaft Baden-Württemberg e.V.*: Melanie Volkamer, July 2024.
- **Impulse lecture: "The Invisible Threat: Building Awareness of Attacks on ML Algorithms"**. Dialogue Day – Economy and Technology 2024. KIT Department for Economics and Management, Karlsruhe: Raphael Morisco, July 2024.
- **Commission study: F. Moser, J. Müller, V. Cortier, A. Debant, P. Gaudry, A. Goetschmann, R. Küsters & M. Volkamer (2024): A Study of Mechanisms for End-to-End Verifiable Online Voting**. Study for BSI (Federal Office for Information Security), August 2024.
- **Impulse lecture: "Allgemein, unmittelbar, frei, gleich und geheim: Was sind sichere Wahlen?"** (General, direct, free, equal, and secret: what are secure elections?). *Digitalisierung im Dialog* (projectdigilog@bw). ZKM – Center for Art and Media Karlsruhe: Felix Dörre, Michael Kirsten, August 2024.
- **Exhibition: "The Ignorant Voting Machine"**. "Digiloglounge N°3. But is it safe?" ZKM – Center for Art and Media Karlsruhe: Jörn Müller-Quade, February–September 2024.
- **Lecture: "Wer die Wahl hat ...". Sicherheitsanforderungen an Internet-Wahlen und -Abstimmungen** ("Those who have the choice ...". Security requirements for internet elections and voting). *KA-IT-Si Event. Karlsruher Sicherheits-Initiative*: Melanie Volkamer, September 2024.

- **Article in “*Industrieanzeiger*”:** “*Interaktive Montageassistenzsysteme der Zukunft – sicher und datenschutzgerecht*” (Interactive assembly assistance systems of the future – secure and data protection-compliant) by Pascal Birnstill, Frederik Diederichs & Paul Wagner, October 2024.
- **Event:** “IT Security Location Karlsruhe: IT Security Behind the Mirrors”, hosted by KASTEL SRL, FZI Research Center for Information Technology, and Karlsruhe IT Security Initiative KA-IT-Si, Karlsruhe, November 2024.
- **Exhibition:** “Touch & Learn: Cybersecurity Card Games”. “Digiloglounge N°4. You have a new Follower!” ZKM – Center for Art and Media Karlsruhe: Melanie Volkamer, September 2024–January 2025.
- **Workshop organization:** ROBUST 2025 Workshop: “Resilient Operations – Byzantine Fault Tolerance and State-Machine Replication”, Karlsruhe: Hannes Hartenstein, March 2025.
- **Panel discussion:** “*Zwischen Innovation, Transfer und gesellschaftlicher Verantwortung: Zukünftige Herausforderungen der IT-Sicherheitsforschung*” (Between innovation, transfer, and social responsibility: Future challenges for IT security research). *Nationale Konferenz IT-Sicherheitsforschung 2025* (National Conference on IT Security Research, ITSF 2025) – *Cybersicherheit und Demokratie* (Cybersecurity and Democracy), Berlin: Jörn Müller-Quade, March 2025.
- **Event:** “TUBAF Awareness Day”, TU Bergakademie Freiberg: Marcus Wiens, April 2025.
- **“11th German-Brazilian Dialogue on Science, Research and Innovation”:** Artificial Intelligence. Promises, Expectations, and Limitations in Science and Society. German Center for Research and Innovation (DWIH) São Paulo, São Paulo Research Foundation (FAPESP), May 7–8, 2025, São Paulo, Brazil. Member of Scientific Committee: Indra Spiecker gen. Döhmann.
- **Invited talk:** “Correctness-by-Construction – Past, Present and Future”. ETAPS 2025 International Joint Conferences on Theory and Practice of Software, Hamilton, Canada: Ina Schaefer, May 2025.
- **Panel discussion:** “Modelling Privacy Threats of Medical Data and Health Data Spaces”. CPDP, 18th International Conference (CDPI.ai), Brussels, Belgium. Moderator: Thorsten Strufe, May 2025.
- **Keynote speech:** “Ubiquitous Observation and the Battle to Retain Human Rights – Privacy of Behavioral Biometrics, or: The Lack Thereof”. 15ème Atelier sur la Protection de la Vie Privée (APVP 2025), Chasseneuil-du-Poitou, France: Thorsten Strufe, June 2025.
- **Panel discussion** on challenges of modern cybersecurity. “*Wissenswoche NEULAND*” (Knowledge Week on the topics of technology transfer, innovation *NEULAND*), KIT, Karlsruhe: Jörn Müller-Quade, July 2025.
- **Panel discussion:** “Quantum computing and Digital Sovereignty: Building Secure and Independent IT Infrastructures”. INNO DAYS 2025, WIBU-Systems AG, Karlsruhe: Jörn Müller-Quade, July 2025.
- **Summer School:** “5th Interdisciplinary Summerschool on Privacy” (ISP 2025), Nijmegen, the Netherlands. Member of Steering Committee: Thorsten Strufe, July 2025.
- **Event:** “Code Beautiful Like a Clock”. “*KUNST | SOMMER | TECHNIK*”, ZKM – Center for Art and Media Karlsruhe: Jörn Müller-Quade, Jeremias Mechler, July–August 2025.
- **Concert:** Johannes Helsberg: “*KASTEL-Symphonie*” (KASTEL Sinfonia). KAMUNA (Karlsruhe Night of the Museums). ZKM – Center for Art and Media Karlsruhe, August 2025.

IT Security Profile at KIT

“IT Security Profile” for Master (M.Sc.) in Informatics at KIT: studies focusing on cryptographic processes and on their use in complex IT systems. List of lectures, seminars, practical courses, and practice, held by KASTEL SRL Fellows and Members in the winter term of 2024/2025 and summer term of 2025.

Winter term 2024/2025

- “Application Security”. Practical Course. Jörn Müller-Quade.
 - “Artificial Intelligence & Security”. Research Practical Course: Christian Wressnegger.
 - “Artificial Intelligence & IT-Security”. Christian Wressnegger.
 - “Artificial Intelligence & Security”. Research Practical Course: Christian Wressnegger.
 - “Ausgewählte Themen der Public-Key-Kryptographie” (Selected topics in public key cryptography). Seminar: Jörn Müller-Quade.
 - “Codierungstheorie” (Coding theory). Jörn Müller-Quade.
 - “Einführung in das Quantencomputing (IQC)” (Introduction to quantum computing). Bernhard Beckert, Ina Schaefer.
 - “Formale Systeme” (Formal systems). Bernhard Beckert.
 - “Hot Topics in Artificial Intelligence & Security 1/2”. Seminars: Christian Wressnegger.
 - “IT Security”. Jörn Müller-Quade, Christian Wressnegger.
- “IT-Sicherheitsmanagement für vernetzte Systeme” (IT security management for networked systems). Hannes Hartenstein.
 - “Kryptographische Wahlverfahren” (Cryptographic voting procedures). Jörn Müller-Quade.
 - “Penetration Testing”. Practise: Ingmar Baumgart, Jörn Müller-Quade.
 - “Post-Quantum Cryptography”. Seminar: Jörn Müller-Quade.
 - “Privacy and Security”. Seminar: Thorsten Strufe.
 - “Resilient Networking”. Thorsten Strufe.
 - “Secure Multiparty Computation”. Seminar: Jörn Müller-Quade.
 - “Scientific Methods to Design and Analyze Secure Decentralized Systems”. Hannes Hartenstein.
 - “Sicherheit” (Security). Practise: Jörn Müller-Quade.
 - “Theoretische Grundlagen der Kryptographie” (Theoretical basics of cryptography). Jörn Müller-Quade.
 - “Universal Composability in der Kryptographie” (Universal Composability in Cryptography). Jörn Müller-Quade.
 - “Internet of Everything”. Martina Zitterbart.

Summer term 2025

- “Access Control Systems: Models and Technology”. Hannes Hartenstein.
 - “Artificial Intelligence & Security Lab (AISEC-Lab)”. Practical Course: Christian Wressnegger.
- “Authentisierung und Verschlüsselung” (Authentication and encryption). Jörn Müller-Quade.
 - “Blockchain & Cryptocurrencies”. Research Focus Class: Hannes Hartenstein.

- *“Cybersicherheit für industrielle Automatisierungs- und Steuerungsanlagen”* (Cybersecurity for industrial automation and control systems). Jürgen Beyerer.
- *“Decentralized Systems: Fundamentals, Modeling, and Applications”*. Hannes Hartenstein.
- *“Hot Topics in Decentralized Systems”*. Seminar: Hannes Hartenstein.
- *“Hot Topics in Explainable Artificial Intelligence (XAI)”*. Seminar: Christian Wressnegger.
- *“Komplexitätstheorie, mit Anwendungen in der Kryptographie”* (Complexity theory, with applications in cryptography). Jörn Müller-Quade.
- *“Kryptoanalyse”* (Cryptoanalysis). Seminar, Practise: Jörn Müller-Quade.
- *“Kryptographische Protokolle”* (Cryptographic protocols). Jörn Müller-Quade.
- *“Network Security: Architectures and Protocols”*. Martina Zitterbart.
- *“Penetration Testing”*. Practise: Ingmar Baumgart, Jörn Müller-Quade.
- *“Post-Quantum Cryptography”*. Seminar: Jörn Müller-Quade.
- *“Privacy”*. Seminar: Thorsten Strufe.
- *“Privacy Enhancing Technologies”*. Thorsten Strufe.
- *“Quantum Information Theory”*. Seminar: Jörn Müller-Quade.
- *“Software Security Engineering”*. Christopher Gerking, Ralf Reussner.

Testing the demonstrator:
“Continuous Automated Risk
Management (CARM) System
for Industrial Networks”.



Third-Party Funding (participation, selected projects 2024/2025)

Funded by ...

... the European Union

- "CyberSec4Europe". European Framework on Cybersecurity Research.

... the Helmholtz Association

- "Building Network Resilience in Healthcare against Cyber-Attacks".
- "HIDSS4Health – Helmholtz Information & Data Science School for Health".
- "ROCK-IT (remote, operando controlled, knowledge-driven, IT-based)".

... the Leibniz Association

- "DiTraRe – Digital Transformation of Research". Leibniz ScienceCampus.

... the Federal Ministry of Research, Technology and Space, BMFTR (formerly BMBF)

- "ANYMOS – *Anonymisierung für vernetzte Mobilitätssysteme*" (Anonymization for networked mobility systems).
- "DATACARE – *Datensouveränität und informierte Zustimmung als Grundlage für eine patientenorientierte KI-gesteuerte klinische Forschung*" (Data sovereignty and informed consent as the basis for patient-centered and AI-driven clinical research). Collaborative project.
- "DataChainSec – *Sicherheit für KI-Anwendungen in der Lebensmittelversorgung*" (Safety for AI applications in food supply).
- "DIRECTIONS – *Datenschutz Zertifizierung für Bildungsinformationssysteme*" (Data protection certification for educational information systems).
- "HardShiP – *Langfristige IT-Sicherheit für die Hardware von Produktionsanlagen*" (Long-term IT security for production plant hardware).
- "KARL – *Künstliche Intelligenz für Arbeit und Lernen in der Region Karlsruhe*" (Artificial Intelligence for work and learning in the Karlsruhe region). Competence cluster.
- "LegRes – Legal Framework for Offensive Cybersecurity Research".
- "Open6GHub – 6G for Society and Sustainability".
- "P@L – Privacy at Large".
- "P2Broker – *Datenschutzfreundliche digitale Verwaltungsdienste auf Basis Künstlicher Intelligenz*" (Privacy-friendly digital administrative services based on AI).
- "Propolis – Privacy for Smart Cities". Project co-funded by the French National Research Agency.
- "QuBRA – *Quantenmethoden und Vergleichspunkte zur Ressourcenvergabe*" (Quantum methods and benchmarks for resource allocation).
- "Sec4IoMT – *Sicherheit im Internet der Dinge für medizinische Endgeräte*" (Security for the Internet of Medical Things).

- “SynthiClick – *Synthetische Datenerzeugung anhand von Nutzungsverhalten im World Wide Web*” (Synthetic data generation based on user behavior in the World Wide Web).
- “Systematic Privacy for large, real-life Data Processing Systems”. Project co-funded by the Hessian Ministry of Science and Art.
- “VE ASCOT – *Neuartige sichere Elektronikkomponenten für die ‘Chain of Trust’*” (Advanced Security for the Chain of Trust).

... [the Federal Ministry for Economic Affairs and Energy, BMWK \(formerly BMWK\)](#)

- “AUDITOR – European Cloud Service Data Protection Certification”.
- “Intelligent Security Handwerk”.
- “ProvidedQ – Quantum Readiness for Optimization Providers”.
- “SofDCar – Software-Defined Car”.
- “TASTE – Transformation Hub Automotive Software Engineering”.

... [the Federal Ministry of Transport, BMV \(formerly BMDV\)](#)

- “C2CBridge – Country to City Bridge”.

... [the Federal Ministry of Health, BMG](#)

- “CanConnect – *Zusammenführung von Krebsregisterdaten und multimodalen, melder-basierten Diagnostikdaten zur KI-basierten Biomarker-Detektion*” (Merging cancer registry data and multimodal, reporter-based diagnostic data for AI-based biomarker detection).

... [the Federal Ministry of Agriculture, Food and Regional Identity, BMLEH \(formerly BMEL\)](#)

- “SPECK – *Systemische Optimierung der Wertschöpfungskette Fleisch am Beispiel der Schweinehaltung durch Entwicklung und Einbettung digitaler Werkzeuge*” (Systemic optimization of the meat value chain using the example of pig farming through the development and embedding of digital tools). Project co-funded by the Federal Office for Agriculture and Foods.

... [the Federal Office of Information Security, BSI](#)

- “*Sicherheits- und Funktionsanalysen / Proof of Concepts für Industrie 4.0 Nr. 2*” (Security and functional analyses / Proof of concepts for Industry 4.0 No. 2).
- “StuVe – A Study of Mechanisms for End-to-End Verifiable Online Voting”.

... [the Ministry of Science, Research and Arts Baden-Württemberg](#)

- “bwNET2.0 – Research and innovative services for a flexible network in Baden-Württemberg”.

... [the Ministry for Economic Affairs, Labour and Tourism Baden-Württemberg](#)

- “SMIGAA – *Smarter, intelligenter Gesundheitsassistent am Arbeitsplatz*” (Smart, intelligent health assistant at the workplace).

... [the Ministry of Transport Baden-Württemberg](#)

- “DigiT4TAF-BW – AI in the Mobility Sector”.

... the German Research Foundation, DFG

- "Change aPS – Static Analysis to Support Change Management in Variant-rich Legacy Control Software for Machine and Plant Engineering Companies".
- "Convide – Consistency in the View-Based Development of Cyber-Physical Systems" (SFB 1608). Collaborative Research Centre.
- "Digitalisierung des Verwaltungsrechts in Deutschland und Taiwan" (Digitalization of administrative law in Germany and Taiwan).
- "GRK 2050: Privacy and Trust for Mobile Users". Research Training Group.
- "KeY – A Deductive Software Analysis Tool for the Research Community".
- "NFDIxCS – National Research Data Infrastructure for and with Computer Science". Consortium, in cooperation with the German National Research Data Infrastructure (NFDI).

... the Baden-Württemberg Stiftung

- "EVIDENTT – Einsatz verteilter Technologien zur beweissicheren Dokumentation von Verbraucherschutzverstößen auf Online-Plattformen" (Use of distributed technologies for the evidentiary documentation of consumer protection violations on online platforms).

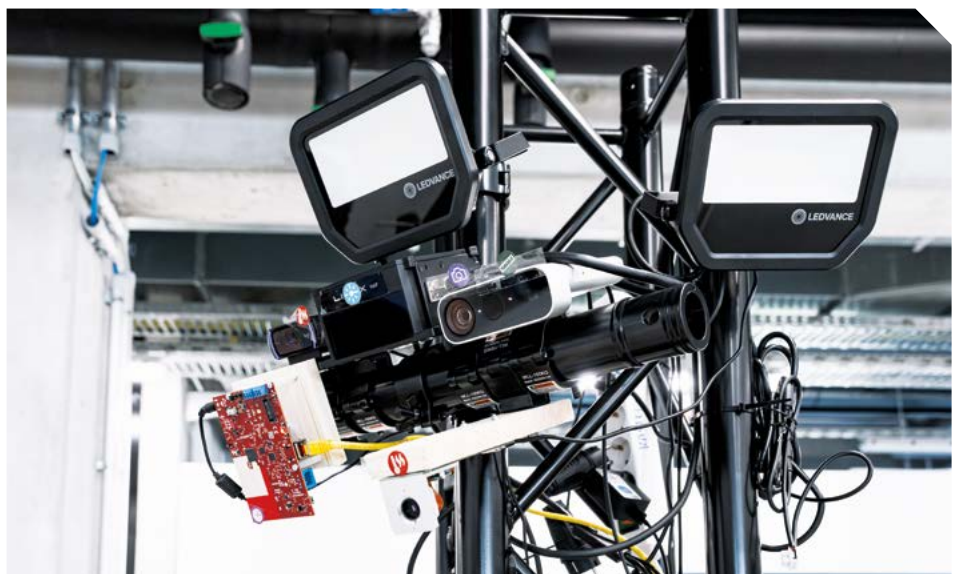
... the Carl Zeiss Stiftung

- "JuBot – Stay Young with Robots".

... the Friedrich Flick Förderungsstiftung

- "Kritische IT-Innovationsförderung durch Experimentierklauseln und "Sandboxes" – Regulierung von Datenschutz, Cybersicherheit und KI revisited" (Critical IT innovation promotion through experimentation clauses and "sandboxes" – regulation of data protection, cyber-security, and AI revisited).

"Privacy Risks of
Smart City Sensors".





Selected Cooperation Projects with Research Institutions & Organizations

- “Assessing the Impact of Technology Partners on the Level of Cyberattack Damage in Hospitals”. Cooperation with Detecon International GmbH, University of Greifswald, and APOLLON University for Health Care Management.
- “Autitable Surveillance”. Cooperation with University of the Bundeswehr Munich and University of Wuppertal.
- “AutoSyMLeS – Autonomous Systems and Machine Learning in Society”. Project with Helmholtz Information, Program EDF, Topic 4 “Knowledge for Action”.
- “ConTrust: Trust in Conflict – Political Life under Conditions of Uncertainty”. Research initiative with Peace Research Institute Frankfurt.
- “Cybersecurity in Healthcare”. Project with Imperial College London and University College London.
- “Cyber Threat Intelligence”. Cooperation with Ben-Gurion University of the Negev.
- “Effektive Security Awareness am KIT”. Project with Technical University of Darmstadt.
- “E-Mail Security”. Joint research with CISA Helmholtz Center for Information Security.
- “End-to-End Verifiable and Secret Online Elections at KIT”. Project with Scientific Computing Center (SCC) at KIT.
- “Everlasting Security for Quantum Cryptographic Protocols for Encrypted Computing”. Cooperation project with CISA Helmholtz Center for Information Security.
- “LLMs in IT Security”. Joint research with CISA Helmholtz Center for Information Security.
- “MANTRA – *Graphen-basierte Informationsaggregation zur Verbesserung des Cybersicherheitsmanagements in kritischen Infrastrukturen*” (Graph-based information aggregation to improve cybersecurity management in critical infrastructures). Joint project with Asvin GmbH, Ostbayerische Technische Hochschule, Massachusetts Institute of Technology, Fraunhofer AISEC, and Fraunhofer IAO, for Agentur für Innovation in der Cybersicherheit GmbH.
- “MEDI:CUS”. Platform headed by the Ministry of the Interior, Digitalisation and Local Government Baden-Württemberg.
- “Operationalising ‘Risk’ as a Legal and Computational Concept under the EU AI Act”. Project with University of Brasilia.
- “Optimizing Resource Planning in Surgery Wards Through Data-Driven Resilience”. Cooperation with Taipei Medical University-Shuang-Ho Hospital.
- “Principles of Machine Learning in Computer Security”. Cooperation with University College London, King’s College London, Ruhr-Universität Bochum, and Technical University of Berlin.
- “Privacy in a Dictatorship”. Cooperation with University of the Bundeswehr Munich.
- “SECAIMED – Secure and Compliant AI for Medical Data”. Cooperation with DKFZ German Cancer Research Center.
- “Unsupervised Machine Learning for Ambiguous Data”. Project with Imperial College London and University College London.

- “Test Area Autonomous Driving Baden-Württemberg”. Consortium funded by the Ministry of Transport and Ministry of Science, Research and Arts Baden-Württemberg.
- “Trustworthy Self-Adapting Systems”. Joint research with Université du Québec à Montréal and Özyeğin University.

The KASTEL SRL Scientific Network



95	National (German) institutions	33	European	30	International
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Cooperation Partners: Research Institutions & Organizations

- APOLLON University for Health Care Management, University of Applied Sciences, Bremen.
 - ATHENE National Research Center for Applied Cybersecurity, Darmstadt.
 - Auckland University, New Zealand.
 - Australian National University, Canberra.
- Baden-Württemberg Institut für Nachhaltige Mobilität, Karlsruhe.
 - Ben-Gurion University of the Negev, Beer-Sheva, Israel.
 - Bern University of Applied Sciences, Switzerland.
 - Bremen Cancer Registry.

- Bundesnetzagentur, Bonn.
- Centre for Tactile Internet with Human-in-the-Loop, CeTi – Cluster of Excellence, Dresden.
- Centrum Wiskunde & Informatica (CWI), Amsterdam, the Netherlands.
- Chalmers University of Technology, Göteborg, Sweden.
- CISA Helmholtz Center for Information Security, Saarbrücken.
- DePaul University, Chicago, Illinois, USA.
- Deutsches Elektronen-Synchrotron DESY, Hamburg.
- DLR Institute of Systems Engineering for Future Mobility, Oldenburg.
- Digital Society Institute, Berlin.
- DKFZ German Cancer Research Center, Heidelberg.
- Dresden University of Technology.
- EIFER – European Institute for Energy Research, Karlsruhe.
- Eindhoven University of Technology, the Netherlands.
- ETH Zurich, Switzerland.
- EURECOM – Graduate School and Research Centre in Digital Science, Biot Sophia Antipolis, France.
- FIZ Karlsruhe – Leibniz Institute for Information Infrastructure GmbH.
- FKFS Forschungsinstitut für Kraftfahrwesen und Fahrzeugmotoren Stuttgart.
- Forschungszentrum Jülich GmbH.
- fortiss GmbH – Research Institute of the Free State of Bavaria for software-intensive systems, Munich.
- Fraunhofer Center for International Management and Knowledge Economy IMW, Leipzig.
- Fraunhofer Institute for Applied and Integrated Security AISEC, Garching.
- Fraunhofer Institute for Chemical Technology ICT, Munich.
- Fraunhofer Institute for Computer Graphics Research IGD, Darmstadt.
- Fraunhofer Institute for Digital Medicine MEVIS, Bremen.
- Fraunhofer Institute for Industrial Engineering IAO, Stuttgart.
- Fraunhofer Institute for Intelligent Analysis and Information Systems IAIS, Sankt Augustin.
- Fraunhofer Institute for Open Communication Systems FOKUS, Berlin.
- Fraunhofer Institute for Secure Information Technology SIT, Darmstadt.
- Fraunhofer Institute for Systems and Innovation Research ISI, Karlsruhe.
- Fraunhofer Institute for Translational Medicine and Pharmacology ITMP, Frankfurt am Main.
- Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., Munich.
- Freie Universität Berlin.
- Friedrich-Alexander-Universität Erlangen-Nürnberg.
- The George Washington University, Washington, DC, USA.
- German Center for Future Mobility (DZM), Munich.
- Gesellschaft für Informatik e.V., Bonn.
- Goethe University Frankfurt/Main.
- Hahn-Schickard-Gesellschaft für angewandte Forschung e.V., Villingen-Schwenningen.
- Hannover Medical School.
- Heidelberg University.
- Heilbronn University of Applied Sciences.
- Helmholtz Information & Data Science Academy (HIDA), Berlin.

- Helmholtz-Zentrum Berlin für Materialien und Energie GmbH (HZB).
- Helmholtz-Zentrum Dresden-Rossendorf e.V. (HZDR).
- Hochschule Darmstadt, University of Applied Sciences.
- Hochschule Osnabrück, University of Applied Sciences.
- Idaho National Lab, Idaho Falls, USA.
- IHP GmbH – Leibniz Institute for High Performance, Frankfurt (Oder).
- Illinois Advanced Research Center at Singapore.
- Imperial College London, Centre of Excellence for Active Security and Resilience, UK.
- INRIA – National Institute for Research in Digital Science and Technology, Le Chesnay, France.
- Instituto Brasileiro de Ensino, Desenvolvimento e Pesquisa, Brasilia, Brazil.
- ITS mobility e.V., Braunschweig.
- IT University of Copenhagen, Denmark.
- Johannes Gutenberg-Universität Mainz.
- Karlsruhe University of Applied Sciences.
- King's College London, UK.
- KU Leuven, Belgium.
- Legal Grounds Institute, São Paulo, Brazil.
- Leibniz Institute for Prevention Research and Epidemiology – BIPS GmbH, Bremen.
- Leibniz University Hannover.
- Leuphana University Lüneburg.
- Linnaeus University, Kalmar and Växjö, Sweden.
- Ludwig-Maximilians-Universität München, Munich.
- Massachusetts Institute of Technology, Cambridge, USA.
- Max Planck Institute for Software Systems, Saarbrücken.
- National Center for Tumor Diseases, Dresden, Dresden and Heidelberg.
- National University of Singapore.
- Niedersächsisches Forschungszentrum Fahrzeugtechnik (NFF), Braunschweig.
- Norwegian University of Science and Technology, Trondheim, Norway.
- Özyeğin University, Çekmeköy, Istanbul, Turkey.
- Ostbayerische Technische Hochschule, Regensburg.
- OWL University of Applied Sciences and Arts, Lemgo.
- Peace Research Institute Frankfurt (PRIF), Frankfurt/Main.
- Pforzheim University.
- Politecnico di Milano, Italy.
- Pontifical Catholic University of Rio Grande do Sul, Porto Alegre, Brazil.
- Pontifical Catholic University of Rio de Janeiro, Brazil.
- Robert Koch Institute, Berlin.
- Royal Holloway University of London, UK.
- Ruhr-Universität Bochum.
- RWTH Aachen University.
- Saarland University, Saarbrücken.
- Schloss Dagstuhl. Leibniz-Zentrum für Informatik GmbH, Wadern.
- Singapore University of Technology and Design, Singapore.
- Stanford University, Computer Science Department and Law School, California, USA.
- Taipei Medical University-Shuang-Ho Hospital, Taiwan.
- Tallinn University of Technology, Estonia.

- Technical University of Berlin.
- Technical University of Braunschweig.
- Technical University of Darmstadt.
- Technical University of Denmark, Kongens Lyngby.
- Technical University of Munich.
- Technische Universität Bergakademie Freiberg.
- Tel-Aviv University, Israel.
- Télécom Paris, Palaiseau, France.
- Tokyo Institute of Technology, Japan.
- Tor Vergata University of Rome, Italy.
- Trier University of Applied Sciences.
- Trust in Digital Life, Waregem, Belgium.
- TUM Campus Heilbronn.
- TU Wien, Austria.
- Ulm University.
- Uniklinik RWTH Aachen.
- Universidade de São Paulo, Brazil.
- Universidade Federal de Campina Grande, Brazil.
- Università di Bologna, Italy.
- Universität Bremen.
- Universität Duisburg-Essen.
- Universität Hamburg.
- Universitätsklinikum Carl Gustav Carus Dresden.
- Universität zu Lübeck.
- Universitat Politècnica de Catalunya – BarcelonaTech, Spain.
- Université Gaston Berger, Saint-Louis, Senegal.
- Université du Québec à Montréal, Canada.
- University College London, UK.
- University of Bamberg.
- University of Bayreuth.
- University of Bergamo, Italy.
- University of Bonn.
- University of Brasilia, Brazil.
- University of the Bundeswehr Munich, Neubiberg.
- University of California, Berkeley, USA.
- University of Cologne.
- University of Edinburgh, UK.
- University of Greifswald.
- University of Groningen, the Netherlands.
- University of Illinois at Urbana-Champaign, USA.
- University of Kaiserslautern-Landau.
- University of Kassel.
- University of Luxembourg.
- University of Mannheim.
- University of Michigan, Ann Arbor, USA.
- University of Paderborn.
- University of Potsdam.
- University of Southern California (USC), Computer Science, Los Angeles, USA.
- University of Southern Denmark, Odense, Denmark.
- University of Strathclyde, UK.
- University of Stuttgart.
- University of Tübingen.
- University of Waterloo, Canada.
- University of Wuppertal.
- University of York, UK.
- Vrije Universiteit Brussel, Belgium.
- Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW), Stuttgart.

Selected Cooperation Projects with Business & Industry

- “Automotive Security”. Cooperation with ETAS GmbH.
- “ChemCrypt” – Suitability of a specific approach for a physical Proof of Work. Consulting, BASF SE.
- “Design Methodologies for Cloud-native Systems in the Context of Industrial Automation”. Project with ABB Asea Brown Boveri Ltd.
- “Development of Platform for Smart Grid Cybersecurity R&D”. Collaborative research project with Illinois Advanced Digital Sciences Center (Illinois ADSC).
- “EMPC – Efficient Secure Multi-Party Computations”. Project with Huawei Research Germany.
- “Everest”. Cooperation with Pionix GmbH.
- “Group Verifiable Random Functions”. Project with IBM Research Europe.
- “ICS-SEC”. Cooperation project with ABB Deutschland.
- “Privacy-Preserving Bookkeeping and Analytics”. Cooperation with INIT GmbH and Karlsruher Verkehrsverbund GmbH.
- “Repliable Onion Routing”. Project with NEC Laboratories Europe.
- “Requirement Engineering and Reality Check of the Architectures”. Cooperation with Karlsruher Verkehrsverbund GmbH.
- “Security & Compliance Automation”. Project with SAP SE.
- “SFML – Secure Federated Machine Learning”. Project with SAP SE.
- “View-based Development of Automotive Software”. Cooperation with Vector Informatik GmbH.
- “VINCRYPTOR – Pseudonomization of Vehicle Identification Numbers”. Contract by Mercedes-Benz AG.
- “Vulnerability Discovery in Web Applications”. Project with SAP SE.

Cooperation Partners: Business & Industry

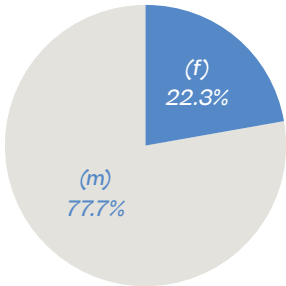
- 4flow AG, Berlin.
- ABB Deutschland, Mannheim.
- ABB Asea Brown Boveri Ltd, Zurich, Switzerland.
- ADAC Nordbaden e.V., Karlsruhe.
- Adeck Systems GmbH, Wildau.
- adesso SE, Dortmund.
- Amprion GmbH, Dortmund.
- ArtiMinds Robotics GmbH, Karlsruhe.
- van Asten Tierzucht Neumark GmbH & Co. KG, Neumark.
- Asvin GmbH, Stuttgart.
- AVL Deutschland GmbH, Karlsruhe.
- BASF SE, Ludwigshafen.
- Blanc & Fischer Familienholding GmbH, Oberderdingen.
- BooleWorks GmbH, Munich.
- Bosch GmbH, Stuttgart.
- Bosch Rexroth AG, Horb am Neckar.
- CarByte GmbH, Stuttgart.
- CAS Software AG, Karlsruhe.
- C.R.S. iiMotion GmbH, Villingen-Schwenningen.
- Cloud&Heat Technologies GmbH, Dresden.
- Commerzbank AG, Frankfurt am Main.
- Condis SA, Rossens, Switzerland.
- corvolution GmbH, Ettlingen.
- CyberForum e.V., Karlsruhe.
- Datalyxt GmbH, Karlsruhe.
- datenschutz cert GmbH, Bremen.
- DeepCare GmbH, Ludwigsburg.
- Detecon International GmbH, Cologne.
- Deutsche Bahn AG, Berlin.
- Deutsche Bank AG, Frankfurt am Main.
- DFN-CERT Services GmbH, Hamburg.
- Dialego GmbH, Aachen.
- DPL Drewes Privacy Law Rechtsanwaltsgesellschaft mbH, Bonn.
- Dr. Aßhoff, Köln.
- DResearch Fahrzeugelektronik GmbH, Berlin.
- ecsec GmbH, Michelau.
- EDI GmbH, Karlsruhe.
- Électricité de France, Paris, France.
- e-mobil BW GmbH, State Agency for New Mobility Solutions and Automotive Baden-Württemberg, Stuttgart.
- EnBW Energie Baden-Württemberg AG, Karlsruhe.
- e-Netz Südhessen AG, Darmstadt.
- Erzeugerschlachthof Kurhessen AG (ESH KH), Fulda.
- ETAS GmbH, Stuttgart.
- EuroCloud Deutschland_eco e.V., Cologne.
- Evonik Industries AG, Essen.
- Exxeta AG, Karlsruhe.
- Ferox Legal, Frankfurt am Main.
- GAMS Software AG, Frechen.
- Gesellschaft für wissenschaftliche Datenverarbeitung mbH, Göttingen.
- GFFT Security Lab GmbH, Bad Vilbel.
- HÄRTING Rechtsanwälte PartGmbH, Berlin.
- Huawei Research Germany, Darmstadt.
- IBM Research Europe – Zurich, Rüschlikon, Switzerland.

- Illinois Advanced Research Center at Singapore (Illinois ADSC).
 - Infineon Technologies AG, Neubiberg.
 - INFOnline GmbH, Bonn.
 - init innovation in traffic systems SE, Karlsruhe.
 - INIT Mobility Software Solutions GmbH, Karlsruhe.
 - inTec automation GmbH, Baunatal.
 - IT-Kanzlei dr-lapp.de GbR, Frankfurt am Main.
 - ITK Engineering GmbH, Rülzheim.
 - JBB Rechtsanwältl:innen, Berlin.
 - Karlsruher Verkehrsverbund GmbH.
 - LAVRIO.solutions GmbH, Karlsruhe.
 - Linklaters LLP, Berlin.
 - Mercedes-Benz AG, Stuttgart.
 - mgm security partners GmbH, Munich.
 - Mimetik GmbH, Dresden.
 - NEC Laboratories Europe, Heidelberg.
 - Omicron electronics GmbH, Klaus, Austria.
 - Optimum datamanagement solutions GmbH, Karlsruhe.
 - P3 digital services GmbH, Hamburg.
 - Pionix GmbH, Bad Schönborn.
 - POLYAS GmbH, Kassel.
 - QGroup GmbH, Wehrheim.
 - Raummobil GmbH, Karlsruhe.
 - Rechtsanwaltskammer Köln.
 - Rechtsanwaltskammer Frankfurt.
 - Robert Bosch GmbH, Gerlingen.
 - S.A.F.E. e.V., Berlin.
 - SAFRAN, Paris, France.
 - Salwa Petersen GmbH, Münster.
- SAP SE, Walldorf.
 - Schaeffler Technologies AG & Co. KG, Herzogenaurach.
 - Schöllly Fiberoptic GmbH, Denzlingen.
 - Secorvo Security Consulting GmbH, Karlsruhe.
 - SICK AG, Waldkirch.
 - Siemens AG, Munich.
 - Siemens AG, Niederlassung Karlsruhe.
 - Siemens Energy Global GmbH & Co KG, Munich.
 - Siemens Research and Innovation Ecosystem, Karlsruhe.
 - Software AG, Darmstadt.
 - SSP Consult, Beratende Ingenieure GmbH, Stuttgart.
 - Stadtwerke Ettlingen GmbH.
 - STA-Serviceteam Alsfeld GmbH, Alsfeld.
 - Subsequent GmbH, Konstanz.
 - teamtechnik Maschinen und Anlagen GmbH, Freiburg.
 - tsenso GmbH, Stuttgart.
 - T-Systems International GmbH, Frankfurt am Main.
 - TÜV Informationstechnik GmbH, Essen.
 - Urban Software Institute GmbH, Chemnitz.
 - Vector Informatik GmbH, Stuttgart.
 - Volkswagen AG, Wolfsburg.
 - WIBU-SYSTEMS AG, Karlsruhe.
 - YellowMap AG, Karlsruhe.
 - ZF Friedrichshafen AG.



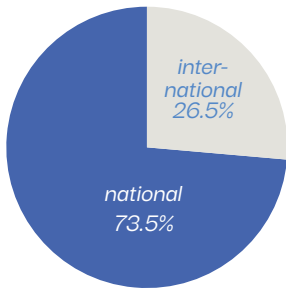
Gender Statistics

	Number of Individuals	(m)	(f)	Ratio of Female Individuals
Total number	211	164	47	22.3%
Fellows	25	16	9	36.0%
Researchers	186	148	38	20.4%



Statistics on International Participation

	Number of Individuals	Number of Foreign Individuals	Ratio of Foreign Individuals
Total number	211	56	26.5%
Fellows	25	3	12.0%
Researchers	186	53	28.5%



Represented Nations
Number of Individuals

13	9	7
India	Iran	China
5	4	3
Italy	Spain	France
2	2	1
Pakistan	Tunesia	Austria
1	1	1
Belarus	Brazil	Denmark
1	1	1
Mozambique	Romania	Slovakia
1	1	1
Sudan	Turkey	Uruguay
1		
Vietnam		





KASTEL Security Research Labs

Contact:

KASTEL - Institute of Information Security and Dependability

Topic "Engineering Secure Systems"

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