

The First International Conference on Cross-Domain Security in Distributed, Intelligent and Critical Systems

CROSS-SEC 2026

April 19, 2026 to April 23, 2026 - Lisbon, Portugal

Submit a Contribution

Registration

Camera Ready

Deadlines

Submission	Jan 27, 2026
Notification	Feb 16, 2026
Registration	Mar 01, 2026
Camera ready	Mar 15, 2026

Deadlines differ for special tracks. Please consult the conference home page for special tracks Call for Papers (if any).

Past Events

Sponsors



Publication

Published by IARIA Press (operated by Xpert Publishing Services)



Archived in the Open Access IARIA ThinkMind Digital Library.



Prints available at Curran Associates, Inc. Authors of selected papers will be invited to submit extended versions to a IARIA Journal Indexing Procedure

Affiliated Journals



CROSS-SEC 2026

Onsite and Online Options: In order to accommodate various situations, we are offering the option for either physical presence or virtual participation (pdf slides or pre-recorded videos).

ISSN:

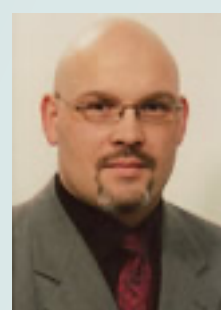
ISBN: 978-1-68558-442-9

- Registered: with the Library of Congress of the United States of America (ISSN)
- Free Access: in [ThinkMind Digital Library](#)

CROSS-SEC 2026 is colocated with the following events as part of [ComputationWorld 2026 Congress](#):

- [SERVICE COMPUTATION 2026](#), The Eighteenth International Conference on Advanced Service Computing
- [CLOUD COMPUTING 2026](#), The Seventeenth International Conference on Cloud Computing, GRIDs, and Virtualization
- [FUTURE COMPUTING 2026](#), The Eighteenth International Conference on Future Computational Technologies and Applications
- [COGNITIVE 2026](#), The Eighteenth International Conference on Advanced Cognitive Technologies and Applications
- [ADAPTIVE 2026](#), The Eighteenth International Conference on Adaptive and Self-Adaptive Systems and Applications
- [CONTENT 2026](#), The Eighteenth International Conference on Creative Content Technologies
- [PATTERNS 2026](#), The Eighteenth International Conference on Pervasive Patterns and Applications
- [COMPUTATION TOOLS 2026](#), The Seventeenth International Conference on Computational Logics, Algebras, Programming, Tools, and Benchmarking
- [BUSTECH 2026](#), The Sixteenth International Conference on Business Intelligence and Technology
- [AIVR 2026](#), The Third International Conference on Artificial Intelligence and Immersive Virtual Reality
- [CROSS-SEC 2026](#), The First International Conference on Cross-Domain Security in Distributed, Intelligent and Critical Systems

CROSS-SEC 2026 General Chair



Andreas Abmuth
Kiel University of Applied Sciences
Germany

CROSS-SEC 2026 Steering Committee



Christoph P. Neumann
Ostbayerische Technische Hochschule
Amberg-Weiden
Germany



Sebastian Fischer
Ostbayerische Technische
Hochschule Regensburg
Germany



Aspen Olmsted
Wentworth Institute of Technology,
Boston
USA



Steve Chan
Decision Engineering Analysis
Laboratory
USA



Carla Merkle Westphal
UFSC
Brazil



Manmeet Kaur Mahinderjit Singh
University Sains Malaysia
Malaysia



Hiroki Kuzuno
Kobe University
Japan



Mussa Ally Dida
Nelson Mandela African Institution of
Science and Technology
Tanzania



Fred Kaggwa
Mbarara University of Science and
Technology (MUST)
Uganda

CROSS-SEC 2026 conference tracks:

Security Foundations and Architectures

- Trust frameworks, access control, and zero-trust models
- Governance, compliance, and security management
- Secure design for distributed systems
- Security in virtualised, containerised, or Cloud-native environments
- Identity and access across hybrid/multi-clouds
- Monitoring and observability for threat detection

Database Security

- Secure architectures for relational and non-relational databases
- Access control, encryption, and key management, Multitenant scenarios
- Threats and defenses against injection, inference, and data leakage
- Privacy, compliance, and secure data lifecycle management

IoT, OT, and Critical Infrastructure Security

- Security for edge, fog, and hybrid architectures
- Security for IIoT, smart home, and smart grid protection
- Firmware updates, device onboarding, and identity provisioning
- Threats and countermeasures in critical infrastructure systems
- Forensics in constrained environments
- Future-proof crypto life-cycle in long-lived devices

Artificial Intelligence and Security

- AI for threat and anomaly detection
- Attacks on AI: adversarial, poisoning, model theft
- Robust and trustworthy AI systems
- Privacy-preserving machine learning

Cryptographic and Privacy-Enhancing Technologies

- Post-quantum cryptography and migration
- Homomorphic encryption, secure multiparty computation
- Scalable identity and key management
- Blockchain or distributed ledgers for integrity and coordination
- Crypto-agility by design and secure reconfiguration

Application Domains and Human Factors

- Cybercrime analysed via culture, linguistics, history, and ethics
- Security in health, energy, mobility, public sector
- Usability and awareness in secure systems

Deadlines:

Submission	Jan 27, 2026
Notification	Feb 16, 2026
Registration	Mar 01, 2026
Camera ready	Mar 15, 2026

Deadlines differ for special tracks. Please consult the conference home page for special tracks Call for Papers (if any).

Technical Co-Sponsors and Logistic Supporters



OTH
Amberg-Weiden



OTH REGENSBURG



HAW Kiel
Hochschule für Angewandte Wissenschaften Kiel
Kiel University of Applied Sciences



WENTWORTH
INSTITUTE OF TECHNOLOGY

DECISION engineering
Analysis Laboratory

