

Call for Papers

12th Open Identity Summit 2025

May 22nd – May 23rd, 2025, Munich, Germany

<https://www.unibw.de/oid>

Submission deadline: January 31st, 2025

The aim of the Open Identity Summit 2025 is to link practical experiences and requirements with academic innovations. The focus areas will be **Research and Applications** in the areas of **Identity Management Trust Services, Open Source, Internet of Things, Digital Wallets, Privacy, AI, and Cloud Computing**.

Open standards and interfaces, as well as open-source technologies, play a central role in the current identity and access management (IAM) landscape as well as in emerging future scenarios in electronic identification and trust services for electronic transactions. Reliable identity management is an essential building block for many applications and services, such as innovative payment services, digital manufacturing, and other innovative applications in the areas of e-health, e-government, distributed ledgers, cloud computing, data management for artificial intelligence, and the internet of things.

While there are already plenty of successful applications in which those techniques are applied to safeguard authenticity, integrity, and confidentiality, there are still many closely related areas, which demand further research. These include technical solutions that provide higher levels of transparency, intervenability, and accountability. Moreover, the security and privacy properties of technologies are of paramount importance.

We invite stakeholders and technical experts from public administration, industry, science and academia to propose contributions to the program of the workshop. Submissions should be **short papers (max. 8 pages)** introducing novel ideas or industry experiences or **full papers (max. 12 pages not including references)** in English. The program committee will review submitted papers in a double-blind process. Accepted papers will be presented at the workshop and are planned to be published in the GI-Edition "Lecture Notes in Informatics" (LNI) and listed in Scopus.

Topics of Interest

The topics of the workshop include but are not limited to:

Identity Management and Privacy

Technological Foundations and Security Aspects of Identity Management

- Authentication protocols and federated identity management.
- Digital wallets and mobile aspects of identity management and EU Digital Identity Wallet.
- OT/IT-Security in production and the Industry 4.0.
- Role of AI in biometrics and identity management
- Cybersecurity aspects of digital identity: Resilience, risk, contingency, counterintelligence.
- Standards, interoperability aspects, and interoperable solutions for identity management.

Application of Identity Management

- Security, interoperability, user experience, and novel use cases related to identity management, credential technologies and electronic identity means.
- Distributed and self-sovereign identities (SSI) and decentralized identity management.
- Concepts for and practical experiences with components, systems, services, processes, and applications for identity management.
- Identity and access management in IoT, IIoT, Industry 4.0, and digital manufacturing scenarios.
- User Journey, Usability Research, Accessibility, and Usable Security.
- Smart assistants for security, privacy, and identity management.
- Identity and access management for digital medical devices and digital solutions for use in clinical settings.

Management of Digital Identities and Privacy Issues

- Privacy, unlinkability, auditability, and evidence within identity management systems.
- Technologies enhancing transparency, intervenability, and accountability of IAM
- Legal and socio-economic aspects of privacy and identity management, in particular effects of the changing EU Regulatory Framework and effects of the NIS directive.
- National and international ecosystems for digital identities and long-term aspects of IAM
- Zero Trust strategies and implementations for identity and network management.
- Socio-economic aspects of digital identity, privacy and data protection.
- Impact of quantum computing on the management of digital identities.
- Role of AI in digital identity management (including identity fraud, morphing, and deep fakes).
- Privacy aspects and guidelines for mobile medical applications.
- Human Factors, social engineering, and identity fraud.

Trust Services and Related Applications

- Legal and international aspects related to the eIDAS regulatory framework and its development into “eIDAS 2.0”: Qualified Electronic Attestation of Attributes (QEAA), Qualified Trust Services, (QTS) and Qualified Trust Service Providers (QTSP)
- Innovative solutions, standards, and technologies related to trust services.
- Socio-economic aspects of trust services.
- Aspects related to the certification and accreditation of trust services and related components.
- Concepts and solutions for the long-term preservation of evidence of electronic data.

Open Source

- Security, interoperability, as well as legal and economic aspects of open source, in the areas of security and identity management.
- Concepts and practical experiences with open-source components related to security, identity management, and trust services.
- New open-source projects and news from existing open source projects in the area of security, identity management, trust services, digital wallets, and cloud computing.

Conference Chair

- Heiko Roßnagel (Fraunhofer IAO), heiko.rossnagel@iao.fraunhofer.de
- Daniela Pöhn (Universität der Bundeswehr München), daniela.poehn@unibw.de
- Christian Schunck (Fraunhofer IAO) christian.schunck@iao.fraunhofer.de

Local Organisation

- Daniela Pöhn (Universität der Bundeswehr München), daniela.poehn@unibw.de

Program Committee

The program committee is listed on: <https://www.unibw.de/oid>

Important Dates

Paper Submission Deadline: 31st January 2025

Notification of Acceptance: 30th March 2025

Submission of Camera-Ready Copies: 22nd April 2025