

Call for Papers
Open Identity Summit 2022
July 7th – July 8th 2022, Copenhagen, Denmark
<http://openidentity.eu/>

Submission deadline: January 31st, 2022

The aim of Open Identity Summit 2022 is to link practical experiences and requirements with academic innovations. Focus areas will be **Research and Applications** in the area of **Identity Management, Trust Services, Open Source, Internet of Things, Distributed Ledgers, Privacy and Cloud Computing**.

Open standards and interfaces as well as open source technologies play a central role in the current identity management landscape as well as in emerging future scenarios in the area of 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 area 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 (5-6 pages)** or **full papers (max. 12 pages)** in English. The program committee will review submitted papers. 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

- Security, interoperability, usability and novel use cases related to identity management, credential technologies and electronic identity means.
- Authentication protocols and federated identity management.
- Novel technologies for identity management (e.g. based on blockchain and distributed ledger technology): Distributed and self-sovereign identities (SSI), decentralized identity management.
- Security and interoperability of Strong Customer Authentication (SCA) and Access to Account (XS2A) according to PSD2
- National and international ecosystems for digital identities and long-term aspects of identity management
- Concepts for and practical experiences with components, systems, services, processes and applications for identity management.
- Mobile aspects of identity management and smartphone identity wallets.
- Identity and access management in IoT, IIoT, Industry 4.0 and digital manufacturing scenarios.
- Access control models in the Industry 4.0 (e.g. RBAC vs. ABAC).
- Cybersecurity aspects of digital identity: Resilience, risk, contingency, counterintelligence
- Smart assistants for security, privacy and identity management.
- Privacy, unlinkability, auditability and evidence within identity management systems.
- Privacy by design, Privacy enhancing technologies for identity.

- Technologies enhancing transparency, intervenability and accountability of identity and access management.
- Standards, interoperability aspects and interoperable solutions for identity management.
- Legal and socio-economic aspects of privacy and identity management, in particular effects of the EU General Data Protection Regulation (GDPR).
- Socio-technical and philosophical aspects of privacy and information security
- Convergence of existing identity management schemes (e.g. convergence of eIDAS, eduGAIN, self-sovereign identities etc.).
- 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
- 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”.
- Trust services in particular for electronic signatures, electronic seals, electronic time stamps, electronic registered delivery and website authentication.
- Economic aspects related to electronic identification and trust services
- Standards, technologies and innovative solutions related to electronic identification and 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 area of security and identity management.
- Concepts and practical experiences with open source components related to security, identity management and end-to-end-encryption.
- New open source projects and news from existing open source projects in the area of security, identity management, trust services, end-to-end encryption and cloud computing.

Conference Chair

- Heiko Roßnagel (Fraunhofer IAO), heiko.rossnagel@iao.fraunhofer.de
- Sebastian Mödersheim (DTU), samo@dtu.dk
- Christian Schunck (Fraunhofer IAO) christian.schunck@iao.fraunhofer.de

Local Organisation

- Sebastian Mödersheim (DTU), samo@dtu.dk

Program Committee

The program committee is listed on: <http://openidentity.eu/>

Important Dates

Paper Submission Deadline: 31st January 2022
 Notification of Acceptance: 30th March 2022
 Submission of Camera Ready Copies: 29th April 2022