

TDI 2025

3rd International Workshop on Trends in Digital Identity

February 3, 2025 • Bologna, Italy

TDI 2025

Committees

General Chair:

- Silvio Ranise (Fondazione Bruno Kessler and University of Trento)



Program Co-Chairs:

- Marco Pernpruner (Fondazione Bruno Kessler)
- Giada Sciarretta (Fondazione Bruno Kessler)



Organizing Committee:

- Roberto Carbone (Fondazione Bruno Kessler)
- Marco Pernpruner (Fondazione Bruno Kessler)
- Giada Sciarretta (Fondazione Bruno Kessler)
- Amir Sharif (Fondazione Bruno Kessler)



Who Are We?

Fondazione Bruno Kessler (FBK)

- Research and Innovation institute in Trento, Italy
- 12 research centers: from technology to humanities and social sciences



FBK at a glance

450+

researchers

136

PhD students from 25 different
Countries

200+

thesis students, visiting professor,
visitors

700+

students involved in the FBK activities

4.645 sq m

labs for scientific research

230.000

and more titles in a special library

Center for Cybersecurity Fondazione Bruno Kessler (FBK)



Digital Identity



Applied Cryptography



Threat and Anomaly
Detection



TDI 2025 History

1st edition in Trento, co-located with the “28th ACM Symposium on Access Control Models and Technologies” (SACMAT 2023).

2nd edition in Rome, co-located with the “9th OAuth Security Workshop” (OSW 2024).



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Introduction

This workshop is organized as part of the **SERICS** project (PE00000014), under the MUR National Recovery and Resilience Plan, funded by the European Union through NextGenerationEU.

Specifically, it is aligned with the objectives of the **STRIDE** (Secure and Traceable Identities in Distributed Environments) project within **Spoke 5**.



SERICS
SECURITY AND RIGHTS IN THE CYBERSPACE



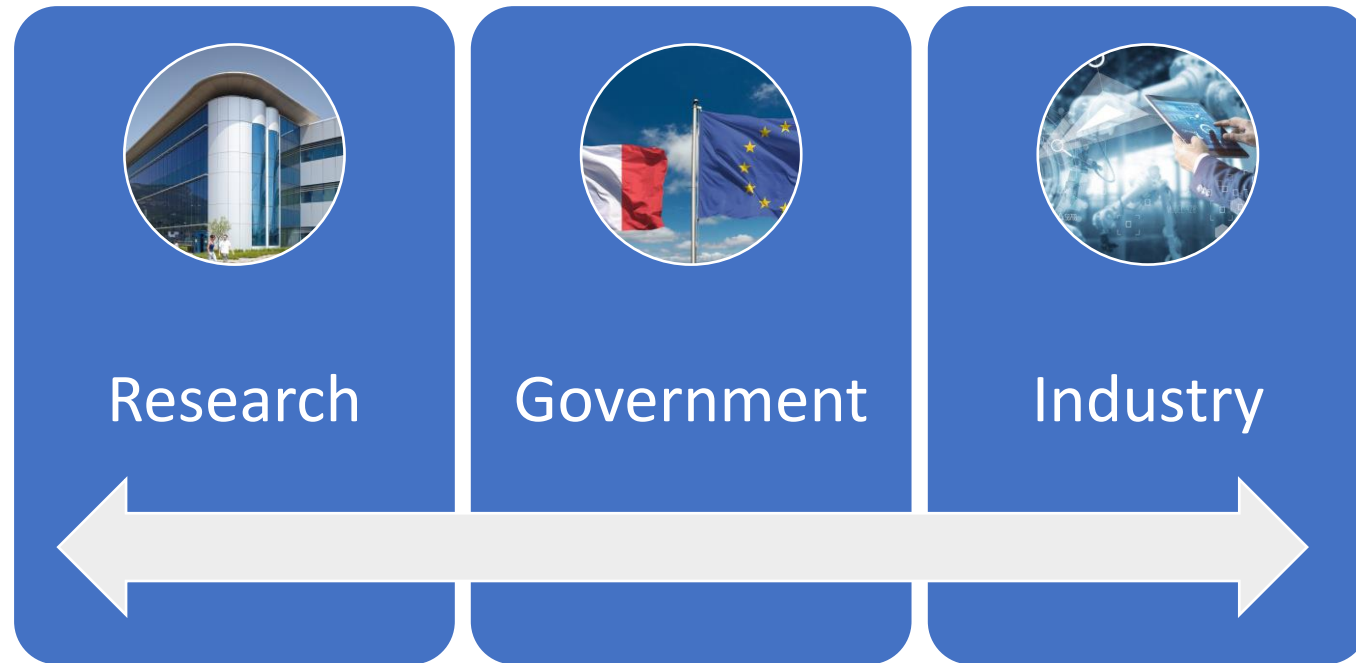
3rd edition in Bologna, co-located with the “Joint National Conference on Cybersecurity”(ITASEC & SERICS 2025).

TDI 2025

Scope



Foster collaboration among researchers and practitioners from various fields to share knowledge, experiences, and best practices obtained from dealing with the identity management field.





Program Committee:

- Francesco Buccafurri (University of Reggio Calabria)
- Markus Dürmuth (Leibniz University Hannover)
- Riccardo Focardi (Ca' Foscari University of Venice)
- Ralf Küsters (University of Stuttgart)
- Flaminia Luccio (Ca' Foscari University of Venice)
- Marino Miculan (University of Udine)
- Federica Maria Francesca Paci (University of Verona)
- Daniela Pöhn (Universität der Bundeswehr München)
- Guido Schmitz (Lancaster University Leipzig)
- Rachelle Sellung (Fraunhofer IAO)
- Diego Sempreboni (Pleo Technologies)
- Amir Sharif (Fondazione Bruno Kessler)
- Luca Viganò (King's College London)
- Nicola Zannone (Eindhoven University of Technology)



7 submissions



4 accepted

TDI 2024

Trends in Digital Identity 2024

Proceedings of the 2nd International Workshop on Trends in Digital Identity (TDI 2024)

Rome, Italy, April 9, 2024.

Edited by

Giada Sciarretta ¹
Marco Pernpruner ^{1,2}

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Agenda



| Agenda

Introductory Remarks Marco Pernpruner, Giada Sciarretta (Program Co-Chairs)	11:00-11:15
Session 1: Industry <i>Session Chair: Amir Sharif</i>	
A Model Theoretic Approach to Digital Identity Luca Boldrin (InfoCert S.p.A. and University of Padua)	11:15-11:35
Federated Identity in Research Marina Adomeit (SUNET)	11:35-11:55
Electronic Attestation of Attributes Extended Validation Services Luigi Castaldo, Gianmario Cortese, Simone Izzo, Fabrizio Balsamo (Namirial S.p.A.)	11:55-12:15
Profiles for Achieving Interoperability in the EUDI Wallet Ecosystem Andreea Prian (iDAKTO)	12:15-12:35
ZTAuth*: Revolutionizing AuthN and AuthZ with Autonomous-Disconnected Challenges Nicola Gallo, Antonio Radesca (Nitro Agility Srl)	12:35-12:55
Lunch	13:00-14:30
Session 2: Government and Public Administration <i>Session Chair: Giada Sciarretta</i>	
Unlocking Trust: Bridging OpenID Federation and EUDIW Trust Framework Francesco Antonio Marino, Pasquale Cerqua (Istituto Poligrafico e Zecca dello Stato, IPZS)	14:30-14:50
Mobile Key Attestation for Local WSCD Francesco Grauso (PagoPA S.p.A.)	14:50-15:10
Digital Identity Wallets Development Roadmap with IT-Wallet Giuseppe De Marco (Dipartimento per la Trasformazione Digitale, DTD)	15:10-15:30

| Agenda

Session 3: Academic Research

Session Chair: Marco Pernpruner

On Delegation of Verifiable Presentations

Andrea Flamini (University of Trento and Politecnico di Torino), Andrea Gangemi, Enrico Guglielmino (Politecnico di Torino), Vincenzo Orabona (Eustema S.p.A)

15:30-15:50

did:self – A Registry-Less DID Method

Nikos Fotiou (ExclID), Vasilios A. Siris (Athens University of Economics and Business), George C. Polyzos (The Chinese University of Hong Kong)

15:50-16:05

Performance Evaluation of Self-Sovereign Identity

Emin Adem Buran, Christian Prehofer and Srivatsav Chenna (Technical University of Munich and DENSO AUTOMOTIVE Deutschland GmbH)

16:05-16:20

Lunch

16:30-17:00

Session 4: Round Table

Session Chair: Silvio Ranise

Digital Identity Wallet: Challenges Today, Solutions for Tomorrow

Francesco Buccafurri (University of Reggio Calabria), Andrea De Maria (Istituto Poligrafico e Zecca dello Stato, IPZS), Rosalia Galeano (Dipartimento per la Trasformazione Digitale, DTD)

17:15-18:15

Closing Remarks

Silvio Ranise (General Chair)

18:15-18:30

| Social Pages

