

# Porvoo 19: Identity in a Changing World

This conference will bring together Porvoo19 and the Final EKSISTENZ Event with a wide range of speakers and topics with a focus on what comes next and on how the various initiatives can support the movement towards more mature and valuable interoperable identity schemes. The programme has been arranged by the Porvoo Group, with support from eForum representing the EKSISTENZ Project and EEMA.

A core focus of the Porvoo Group is keeping abreast of what the national representatives are doing in their own countries. Therefore, there will be updates from a variety of countries including Estonia, Belgium and Finland. Additional insights will be provided from outside the EU and there will also be a focus on how this experience can best be shared with the developing world.

In addition to updates on eIDAS, there will be reports on the work of no fewer than five ongoing EU funded projects in the field: EKSISTENZ, CREDENTIAL, FUTURETRUST, LIGHTest, and ARIES.

When:

25<sup>th</sup>/26<sup>th</sup> May, 2017

Where:

Agencia per l'Italia Digitale  
(AgID) Building (shared with the  
Italian Trade Agency)

Via Liszt 21,  
00144,  
Rome,  
Italy.

## Preliminary Draft Agenda

08.30-09:00	Registration	
<b>Morning Session: <a href="#">Conference Opening and Introduction to eidentity and Identity Theft topics</a></b>		
Chair Porvoo Group, Tuire Saaripuu, Finnish Population Register Centre		
09.00 - 09.05	WELCOME from Agenzia per l'Italia Digitale	Director-General Antonio Samaritano, AgID. Italy
09.05 – 09.15	Setting the scene for the event	Shaun Topham, eForum & Tuire Saaripuu, Porvoo Group
09.15 – 09.25	“Report-back/Follow-up” from Porvoo 18.	Irene Rissanen, Population Register Centre, Finland
09.25 – 09.45	The eID landscape: a high level view of future directions.	Jon Shamah, Chair EEMA
09.45 – 10.15	“Guardia di Finanza’s activities against Identity Theft”	Captain Antonio Romano, “Guardia di Finanza”
10.15– 10.40	CREDENTIAL -- A Secure Cloud Identity Wallet	Christoph Striecks , AIT, Austria
10.40 – 11.00	<i>Coffee break</i>	
11.00–11.30	Update from Belgium and a report on their experience with voting.	Mr. Bart Vrancken, Belgian Government
11.30 – 12:00	Industry and Government Use case (1): The Italian Digital Identity System	Francesco Tortorelli, Marino di Nillo, AgID, Italy
12.00 – 12:30	Industry and Government Use case (2): Identity and Security	Mr. Sébastien Bahloul, Safran Identity and Security, France
12.30 – 13:45	<i>Lunch</i>	

<b>Afternoon Session — US/European Initiatives and Research</b>		
Chair Shaun Topham, EKSISTENZ Project		
13.45– 14.35	Update from the United States (1)	Jim Dray, US National Institute of Standards and Technology (NIST)
	Update from the United States (2)	Salvatore Francomacaro, NIST
14.35 – 15.00	Use of eIDs to create signatures	Nick Pope, ETSI/Thales eSecurity
15.00 – 15.15	<i>Coffee and free discussion</i>	
15.15 – 15.45	H2020 LIGHTest Project: A global lightweight trust infrastructure.	Jon Shamah, Chair EEMA
	H2020 FUTURETRUST Project: the practical implementation of the eIDAS regulation in Europe and beyond.	
15.45 - 16.10	ARIES EU Project: Virtual and mobile IDs cryptographically derived from strong eID documents.	Nicolas Notario McDonnell, ATOS, Spain
16.10– 16.40	EKSISTENZ EU Project: producing a prevention of Identity Theft toolkit.	Alain Sroussi, Coordinator, Eksistenz
16.40 - 17.00	Live demonstrations by EU projects	Eksistenz and others
<b>Evening</b>	<b>SOCIAL EVENT</b>	

<b>Friday 26.5.2017 — Morning Session — Country updates and governmental use cases</b>		
Chair: Shaun Topham, EKSISTENZ		
9.00 – 09.25	“The Nordic Institute for Interoperability Solutions developing cross-border interoperability”	Janne Viskari, Director, Population Register Centre, Finland Heiko Vainsalu, X-Road, Estonian Information System Authority
9.25 - 09.50	German experience on implementation of eIDAS identification architecture	Dr. Matthias Schwan Bundesdruckerei, Germany
09.50 – 10.15	“Finnish digitalization implementation and Suomi.fi service platform”	Janne Viskari, Director, Population Register Centre, Finland
10.15 – 10.30	Further Lessons Learned from several country implementations already made.	MS representatives sharing their experiences.
10.45 – 11.00	<i>Coffee break</i>	
11.00 – 11.20	Biometric data and (de)identification in the General Data Protection Regulation	Ivo Emanuilov, Centre for IT & IP Law, KU Leuven'
11.20- 11.40	The Japanese "My Number", unique code for a person, experience.	Dr. Nagaaki Ohyama, NICSS, Japan.
11.40- 12.05	"eIDAS - one year at the sharp end of the transition."	Bart Symons, Zetes, Belgium
12.05- 12.30	H2020 Project Konfido: Secure and Trusted Paradigm for Interoperable eHealth Services.	Paolo Campegiani
12.30 – 13.45	<i>Lunch</i>	
<b>Afternoon Session - Governmental Use Cases and Further Requirements for eID</b>		
Chair Tuire Saaripuu		
14.00 – 14.30	SSEDIC Presentation: Blockchain maturity?	Christian Schunck, University of Rome
14.30 – 15.35	<i>How can our networks and initiatives help support the "eIDAS movement"?</i> A workshop session on how best to move everything forward.	Baudouin de Sonis, EU eForum Shaun Topham , EU eForum
15.35 – 15.50	WRAP-UP: Summary, next cooperative actions, administrative issues conclusion.	Tuire Saaripuu, Shaun Topham
15.50—16.00	Resolution from Porvoo 19	

The Porvoo Group is an international cooperative network whose primary goal is to promote a trans-national, secure interoperable electronic identity in order to help ensure secure public and private sector e-transactions in Europe. The Group also promotes the introduction of interoperable certificates and technical specifications, the mutual, cross-border acceptance of identification and authentication mechanisms, as well as cross-border, online access to administrative services.

<https://eevertti.vrk.fi/en/porvoo-group>



EKSISTENZ

The mission of EKSISTENZ is to deliver a set of innovative and interoperable tools, procedures, methods and processes that will tackle identity theft in the EU. The entire life-cycle of identity will be taken into account and the privacy of citizens will always be considered paramount. In order to demonstrate the achievement of its mission, EKSISTENZ will develop a proof of concept relating to banking/finance that will be proven as scalable and deployable at the national level.



EEMA is the leading independent, not for profit, European Think Tank including topics on identification, authentication, privacy, risk management, cyber security, the Internet of Things, Artificial Intelligence and mobile applications. Through world class events, projects, collaboration, education, engagement, communication, participation and facilitating networking with companies, public sector and individuals to build enduring mutually beneficial working relationships and empower our members to maintain a competitive edge.



ARIES will leverage virtual and mobile IDs cryptographically derived from strong eID documents in order to prevent identity theft and related crimes in the physical (e.g. an airport) and virtual (e.g. eCommerce) domains. Both, the derivation process, and the derived IDs will be univocally linked to citizens' biometric features, increasing the level of identity assurance during the credential issuance process and during authentication. Highest data protection standards will be followed to provide digital privacy-preserving features. Thus, the project will provide a global approach for ID Ecosystem in Europe to address European-specific concerns to improve identity, trust and security, and better support the law enforcement to address the new threats in cybersecurity while achieving far-reaching socio-economic positive impacts.



The 36-month KONFIDO project will advance the state of the art of eHealth technology with respect to all the aforementioned dimensions, by providing a holistic approach – i.e. targeting all architectural layers of an IT infrastructure, namely: storage, dissemination, processing, and presentation – to address challenges of secure storage and exchange of eHealth data, protection and control over personal data, and security of health related data gathered by mobile devices.



Against the background of the regulation 2014/910/EU on electronic identification (eID) and trusted services for electronic transactions in the internal market (eIDAS), the FutureTrust project, which is funded within the EU Framework Programme for Research and Innovation (Horizon 2020) under Grant Agreement No. 700542, aims at supporting the practical implementation of the regulation in Europe and beyond. For this purpose the FutureTrust project will address the need for globally interoperable solutions through basic research with respect to the foundations of trust and trustworthiness, actively support the standardisation process in relevant areas, and provide Open Source software components and trustworthy services which will ease the use of eID and electronic signature technology in real world applications. [www.futuretrust.eu](http://www.futuretrust.eu)



An ever increasing number of transactions are conducted virtually over the internet. How can you be sure that the person making the transaction is who they say they are?

LIGHTest develops a global lightweight trust infrastructure providing parties of electronic transactions with automatic validation of trust based on their individual trust policies through the publication, querying and cross-jurisdiction translation of information relevant in making decisions. <http://lightest.eu/>



CREDENTIAL is a EU funded research project developing, testing and showcasing innovative cloud-based services for storing, managing, and sharing digital identity information and other highly critical personal data with a demonstrably higher level of security than other current solutions. The main idea and ambition of CREDENTIAL is to enable end-to-end security and improved privacy in cloud identity management services for managing secure access control. This is achieved by advancing novel cryptographic technologies and improving strong authentication mechanisms.

<https://credential.eu/>



For over ten years, the use of fingerprints has been a key policy technology to help address both identification and security issues around the world. Unfortunately, the overall success of fingerprints for identification and verification purposes greatly depends on the quality of the fingerprints initially enrolled and acquired.

The objective of INGRESS is to research, develop and validate innovative technologies to take fingerprint images by looking at additional biometrics associated with the finger. The project will pave the way to the manufacturing of innovative fingerprint scanners capable of properly sensing fingerprints of intrinsic very-low quality and/or characterized by superficial skin disorders.



E-Forum is a not-for-profit association, registered in Belgium, which brings together interested parties active in the field of eGovernment in Europe. It is celebrating its 15th birthday this year, being pioneers in the field. We are dedicated to analysing the future needs of smart governance and smart cities in Europe, and promoting excellence in defining solutions to those needs by bringing private and public actors together.

In recent years, eForum has specialised in:

- Identity Management, assisting in the dissemination and sustainability of Identity Management projects. This includes the current EKSISTENZ Project and previously in STORK and STORK2.0 in addition to participation in projects such as SPES and W-SPES, FAST, eEPOCH etc.
- EU-China Smart City development, facilitating and participating in EU/UK-China smart city cooperation. Projects have included EU-China Smart Cities Project, China-EU Public Administration Project, EU-China IST Project etc.



**Agenzia per l'Italia Digitale**

*Presidenza del Consiglio dei Ministri*

AGID is a public body under the direct control of the Presidency of the Council of Ministers. It is mainly responsible for implementing the Italian Digital Agenda and has the mandate to perform the following tasks within the Italian Government: to contribute to the spread of the use of information and communication technologies (ICT); to develop technical requirements and guidelines; to enable full cooperation between information systems of governmental bodies and between these systems and the European Union; to design and implement the Italian digital system for e-IDs.