

# D11.1

# **Composition of Advisory Board**

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# 1. Executive Summary

This document serves to describe an updated membership of the LIGHTest advisory board.

This deliverable provides short (Public Domain) CVs and area of expertise of the membership.

This document should be read in conjunction with D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication) which describes the governance and rules for the selection process.

It should be noted that the eventual composition of any Advisory Board will be dynamic over the course of a project.

This document has been updated to v2.00 in Month 18 to reflect the expanded Advisory Board membership.

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# 2. Document Information

# 2.1 Contributors

Name	Partner
Jon Shamah	EEMA
All Partners	-

# 2.2 History

Version	Date	Author	Changes
0.1	10/10/2016	JS	Initial Document
0.3	14/10/2016	JS	Reflection on timeline
0.9	14/10/2016	JS	Final details
0.99	09/11/2016	JS	For review
0.99a	21/11/2016	JS/LR/AC/VM	Fine tuning after review
1.00d	25/11/2016	JS	Removal of future
			candidates
2.00	05/05/2018	JS	Updates AB
			membership

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# 4. Project Description

# LIGHTest project to build a global trust infrastructure that enables electronic transactions in a wide variety of applications

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? The EU-funded project LIGHTest addresses this issue by creating a global trust infrastructure. It will provide a solution that allows one to distinguish legitimate identities from frauds. This is key in being able to bring an efficiency of electronic transactions to a wide application field ranging from simple verification of electronic signatures, over eProcurement, eJustice, eHealth, and law enforcement, up to the verification of trust in sensors and devices in the Internet of Things.

Traditionally, we often knew our business partners personally, which meant that impersonation and fraud were uncommon. Whether regarding the single European market place or on a Global scale, there is an increasing amount of electronic transactions that are becoming a part of people's everyday lives, where decisions on establishing who is on the other end of the transaction is important. Clearly, it is necessary to have assistance from authorities to certify trustworthy electronic identities. This has already been done. For example, the EC and Member States have legally binding electronic signatures. But how can we query such authorities in a secure manner? With the current lack of a worldwide standard for publishing and querying trust information, this would be a prohibitively complex leading to verifiers having to deal with a high number of formats and protocols.

The EU-funded LIGHTest project attempts to solve this problem by building a global trust infrastructure where arbitrary authorities can publish their trust information. Setting up a global infrastructure is an ambitious objective; however, given the already existing infrastructure, organization, governance and security standards of the Internet Domain Name System, it is with confidence that this is possible. The EC and Member States can use this to publish lists of qualified trust services, as business registrars and authorities can in health, law enforcement and justice. In the private sector, this can be used to establish trust in inter-banking, international trade, shipping, business reputation and credit rating. Companies, administrations, and citizens can then use LIGHTest open source software to easily query this trust information to verify trust in simple signed documents or multi-faceted complex transactions.

The three-year LIGHTest project starts on September 1st and has an estimated cost of almost 9 Million Euros. It is partially funded by the European Union's Horizon 2020 research and innovation programme under G.A. No. 700321. The LIGHTest consortium consists of 14 partners from 9 European countries and is coordinated by Fraunhofer-Gesellschaft. To reach out beyond Europe, LIGHTest attempts to build up a global community based on international standards and open source software.

The partners are ATOS (ES), Time Lex (BE), Technische Universität Graz (AU), EEMA (BE), G&D (DE), Danmarks tekniske Universitet (DK), TUBITAK (TR), Universität Stuttgart (DE), Open

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Identity Exchange (GB), NLNet Labs (NL), CORREOS (ES), IBM Danmark (DK) and Globalsign (FI). The Fraunhofer IAO provides the vision and architecture for the project and is responsible for both, its management and the technical coordination.

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# 5. Project Reference

An advisory board is set up and will meet either separately or in conjunction with other project meetings. The advisory board includes experts from industry and research, representative of public administration, data protection agencies and potential users of the project results. The initial composition of the advisory board is published in this document. There needs to be regular involvement of the advisory board in the project activities. A number of advisory board meetings will be organized throughout the duration of the project.<sup>1</sup>

The purpose of the Advisory Board is to provide an external point of view and guidance on the project from a panel of international experts gathered from multiple stakeholder entities. The Advisory Board is expected to provide feedback in key relevant areas from the project such as alignment of the project with other existing global initiatives in related fields, outreach and effective community building, and assistance in strategic project decision making. Feedback gathered from board meetings will help to fine-tune the work currently underway, to place focus in relevant aspects of impact and domain contribution and to identify and address potential project's issues or risks.

The Advisory Board is governed according to the procedures detailed in deliverable D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication), also in line with the provisions of the Description of Action (DoA). According to this document, its responsibilities include:

- To provide expert advice and feedback, guaranteeing that LIGHTest considers the needs of all stakeholders in Europe and globally.
- To assist the consortium with communication and dissemination activities, being a vehicle to involve important stakeholders who cannot be funded within the project, and thus maximize the acceptance of LIGHTest results at the largest scale possible.

The members are expected to meet online or in person in conjunction with project meetings, and the discussions and conclusions of these meetings will appear in deliverable D11.3.

<sup>1</sup> Page 30 Part B: LIGHTest Grant Agreement

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# 6. Advisory Board Membership

Annex 1 lists the LIGHTest Advisory Board membership as of the date of this document.

Future additional nominees will be selected by the method described in Deliverable 11.2: (T11.1-D2 Management Procedures for Advisory Board Communication). The votes cast by Project Partners in the nomination ballot will be considered Project Confidential and may only be disclosed at the discretion on the Management Board. Any ballot will be blind with the details of the results made available to partners, after the ballot, as described in Deliverable 11.2 (T11.1-D2 Management Procedures for Advisory Board Communication).

The Advisory Board membership is proposed in view of providing a range of expertise complementing and extending the abilities and skills already present in the consortium, and to further amplify its networking and community building capacity. In addition to expertise and experience, the capacity of advisory board members to link to important communities and stakeholder groups is an important selection criterion and will be considered by the Project Partners in their voting decisions.

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# 7. Advisory Board Composition

The composition of the Advisory Board will consist:

First Name	Surname	Company	Country
Timothy	Reiniger*	FutureLaw LLC	USA
Jakob	Schlyter	Kirei	Sweden
Sverre	Bauck*	Ex: Bronnoysund Register Centre. DIFI. Karde AS	Norway
Esther	Makaay	SIDN	Netherlands
Slawomir	Gorniak	ENISA	EU / Greece
Adam	Cooper	UK Cabinet Office	UK
Mike	Garcia	Ex NIST	USA
Andrew	Boysen	Securekey	Canada
Jorge	Cuellar	Siemens	Germany
Mailoc	Arif	Azerbaijan National Certificate Centre	Azerbaijan

These nominees were agreed by Partners as part of the LIGHTest proposal and the names marked with a \* were included in the DoW and Grant Agreement.

The above Advisory Board members fulfil the minimum number of members permitted under the governance outlined in D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication).

After M6, the Advisory Board was supplemented by additional nominees, some of whom were shortlisted by ballot but had not yet accepted their nominations. This will bring the Advisory Board membership up to 10 persons. The current membership of the Advisory Board, at any time, will be made available on the LIGHTest website (http://www.lightest.eu)

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# 8. Shortened CVs

(Permissioned, Public Domain data, sourced via http://www.linkedin.com)

# 8.1 Timothy Reineger



# **Timothy Reiniger**

Information Risk Governance (Digital Identity, CyberSecurity, and Information Privacy) Law Counsel at FutureLaw, LLC

Richmond, Virginia Area | Legal Services

Current FutureLaw, LLC

Previous National Notary Association, Advanced Technology Company,

City of Manchester, New Hampshire Education University of Michigan Law School



### Summary

Tim is a principal author of the 2015 Virginia Digital Identity Law (CH 483) and the Virginia Remote Notary Law (2011), both of which are the first of their kind in the US and have already inspired efforts of study and replication by the Uniform Law Commission as well as UNCITRAL. Tim specializes in data privacy and information security law and policy as well as association management. An internationally recognized expert on e-signature law, identity law and policy, the notary office, and data privacy, he has testified on these topics before the U.S. Congress, a dozen states including California and Florida, and the Hague Conference on Private International Law. As an author, he has contributed articles on information law and policy to Jurimetrics (The Journal of Law, Science, and Technology), the ABA's The SciTech Lawyer, and the Digital Evidence and Electronic Signature Law Review, as well as a chapter on e-notarization to "Foundations of Digital Evidence," published by the American Bar Association (2008). He currently serves as an ABA Section Advisor to the ULC Identity Management in Electronic Commerce Committee.

### Selected Presentations:

- National Notary Association Conference 2016 panelist of the future of remote notarization
- MIT Kerberos Consortium (May 2015 Webinar), "The New Virginia Digital Identity Law"

### Recent Publications:

- Richmond Times Dispatch OP/ED (May 21, 2015) "New Virginia Law Launches Citizen-focused Cybersecurity" http://www.richmond.com/opinion/their-opinion/guest-columnists/article\_e5d24c10-4ff3-5660-a506-e5620884a015.html
- ABA Information Law Journal (Vol 5, Issue 4, Fall 2014) "Identity Policy and Lex Informatica: Emerging Approaches"
- Jurimetrics (Vol 53, Number 2, Winter 2013) "Identity in Law"

Specialties: Information law and policy (privacy, identity, and information security); national association executive management; cybernotary law, e-commerce law (e-signatures and e-notarization).

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# 8.2 Jakob Schlyter



# Jakob Schlyter

IT security advisor at Kirei

Lerum, Västra Götaland County, Sweden | Computer & Network Security

Current Kire

Previous Technology Nexus, Guide, Carlstedt Research & Technology

Education University of Gothenburg

Specialties: Information Security, Security Architectures, TCP/IP Internetworking (IPv4, IPv6), DNS & DNSSEC, VolP/SIP



# Experience

# IT security advisor and co-founder

Kirei

January 2006 - Present (10 years 11 months)



# Security Specialist

Technology Nexus

January 2005 - December 2005 (1 year)



## Security Specialist

Guide

August 2003 - January 2005 (1 year 6 months)

## Security Specialist

Carlstedt Research & Technology

March 1998 - June 2003 (7 years 4 months)

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### 8.3 **Sverre Bauck**



# Sverre Bauck

## Pensjonist

Sweden | Management Consulting

Glocal Health Informatics AB Current: Dodo a.s., DIFI, Peppol Consortium Previous

Education University of Oslo (UiO)



Experience

### Founding Partner Glocal Health Informatics AB

Glocal Health Informatics AB

November 2012 - Present (4 years)

## Member of board

Dodo a.s

June 2011 - January 2012 (8 months) | Oslo

Improving electronic processing of invoices.

### Senior adviser

March 2008 - December 2010 (2 years 10 months)

### Senior adviser

Peppol Consortium

2008 - December 2010 (2 years)

### Senior adviser

Brønnøysund Register Centre

March 2004 - March 2008 (4 years 1 month)

### Senior adviser

Ergo/SDS

1994 - 2002 (8 years)

### Senior adviser

Ergo/SDS 1994 - 2002 (8 years)

Statskonsult

1993 - 1994 (1 year)

### Senior officer

November 1968 - December 1992 (4 years 2 months)

Working for the Western European EDIFACT Board Secretariat

### Executive officer

Western European EDIFACT Board Secretariat

1988 - 1992 (4 years)

### Author

Edb bit for bit

1985 - 1990 (5 years)

### Adviser

Toll- og avgiftsdirektoratet

1986 - 1988 (2 years)

### 8.4 **Esther Makaay**

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# **Esther Makaay**

Service Architect at SIDN

Nijmegen Area, Netherlands | Internet

Current SIDN, Stichting Glazenkamp

Previous InterNLnet

Education Radboud Universiteit Nijmegen



### Summary

Esther Makaay works as a Service Architect at SIDN, the registry for .nl domain names. She is working on new business development and involved in the developments regarding Digital Identities and Trust Frameworks, DNS(SEC) and (new) Top Level Domains. She has expert knowledge of internet technologies.

Specialties: Strong creative and analytical skills in both problem-solving and solution-generation. Quick at grasping new concepts and knowledge. Translating (and connecting) meaning to means: combining business needs with technical possibilities. Curious by nature. Passionate about the basic workings (the 'core') of the internet.



Experience

### Service Architect

SIDN

2007 - Present (9 years)



SIDN (the Foundation for Internet Domain Registration in the Netherlands) has managed the .nl domain – all the domain names that end with .nl – since 1996. As well as registering and assigning domain names, SIDN ensures that internet users all over the world can reach the corresponding domains at all times.

### Member of the board

Stichting Glazenkamp

2007 - Present (9 years)

Glazenkamp is an initiative of some people in the Dutch city of Nijmegen to realize fiber-to-the-home networking in their neighbourhood keeping it under control of the citizens and not the industry. See http://www.glazenkamp.nl

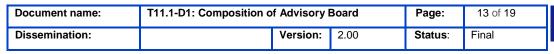
Glazenkamp is acting as a source of inspiration and knowledge to similar local initiatives throught the 'Fiber Overal' foundation. (http://www.fo.nl)

## various positions

InterNLnet

1997 - 2007 (10 years)

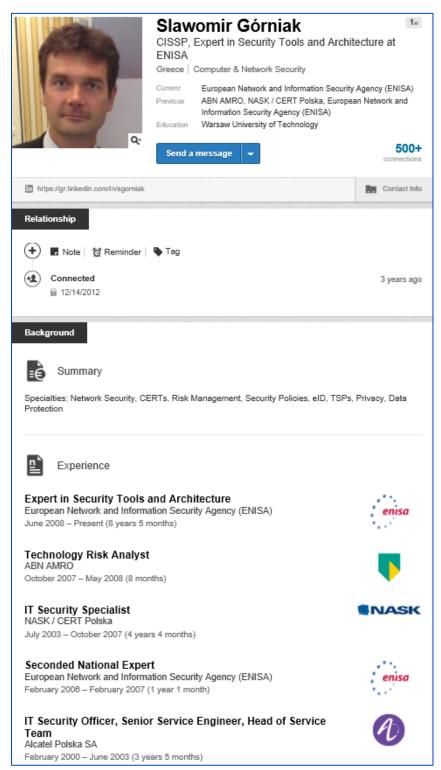








## 8.5 Slawomir Gorniak



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# 8.6 Adam Cooper



# **Adam Cooper**

Technical Architect, Identity Assurance, Government Digital Service, UK Cabinet Office London, UK

Current: GDS

**Previous:** Connecting for Health NHS **Education:** Attleborough High School

## Experience

As a senior architect within Government Digital Service he held responsibility for governance of the Identity Assurance Architecture and its continual development. The public facing product of this work GOV.UK Verify is now available in private beta with a number of central government services and private sector identity providers

An original author of the underlying identity assurance architecture, he continues to chair the Technical Design Authority comprised of other senior architects involved in the identity and security space from both GDS and CESG.

A large proportion of his time is dedicated to European programmes such as the STORK large-scale pilot and the eIDAS Regulation aimed at providing cross-border eID in the EU. As UK representative to STORK as well as work-package leader, and as an Expert consulting to the European Commission he worked closely with colleagues from other Member States to define the architecture, standards and governance models for this large-scale programme of work.

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# 8.7 Jorge Cuellar

# Jorge CUELLAR



Job title Research scientist
Organisation Siemens AG

Jorge Cuellar is a principal research scientist at Siemens AG. He was awarded the DI-ST Award for the best technical Achievement for his work on modelling of operating systems and transaction managers. He has co-authored about 30 papers on different topics, including mathematical modelling of performance analysis, on learning algorithms, hand-writing recognition, formal specification and verification of distributed system design, and security.

He has done technical standardization work, related to the development of privacy and security protocols at the IETF, 3GPP, and the Open Mobile Alliance. He has worked in several EU funded research projects, in particular in AVISPA and AVANTSSAR, both related to the formal modelling and verification of security and currently in NESSoS, WebSand and SPACloS. He has served in many Program Committees in international conferences, and in particular he has been the PC Co-Chair of SEFM (Software Engineering and Formal Methods in 2004), FM'08 (Formal Methods in 2008), and STM'10 and in the steering committee of ESSoS. He has presented more than 20 invited talks at conferences and seminars, and acts regularly as a reviewer for international conferences and journals. He has been in the editorial board of Journal of Science of Computer Programming – Elsevier, and has been guest editor in several journals.

He is a member of the Industrial Curatory Board of Dagstuhl, Leibniz Centre for Informatics, the world's premier venue for informatics. He has held many short term visiting teaching positions, in different Universities around the world.

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## 8.8 Andre Boysen



### Andre Boysen

Chief Identity Officer at SecureKey Technologies Inc North York, Ontario, Canada | Computer & Network Security

Current SecureKey Technologies Inc, Kantara Initiative, Digital Identity and Authentication Council of Canada Previous Open Identity Exchange Aveva openidentity exchange angl, SecureKey Technologies Inc, IDESG www.idecess.velam.org

Education The University of Western Ontario - Richard Ivey School of Business



Experience

### Chief Identity Officer

SecureKey Technologies Inc

September 2014 - Present (2 years 2 months) | Toronto

Andre is responsible for positioning SecureKey's growth strategy, cultivating opportunities in new and existing markets, and promoting demand for the company's solutions globally. He serves as SecureKey's digital identity evangelist.

### **Board Member**

Kantara Initiative

June 2015 - Present (1 year 5 months) | https://kantarainitiative.org/



SECURE KE

Kantara Initiative provides strategic vision and real world innovation for the digital identity transformation. Developing initiatives including: Identity Relationship Management, User Managed Access (EIC Award Winner for Innovation in Information Security 2014), Identities of Things, and Minimum Viable Consent Receipt, Kantara Initiative connects a global, open, and transparent leadership community.

Kantara Initiative members take the lead to discover strategic issues at the intersection of identity, IoT, and usability. This is what we call "connected life." Our Members develop strategies and innovations that simplify our increasingly complex connected lives. Networked devices and sensors make up the fabric of the Internet of Things. Leveraging mobile devices, sensors, and wearables is the future of identity and personal data. Kantara Initiative develops innovations to solve real world problems for the identity based digital transformation.

## **Board Member**

Digital Identity and Authentication Council of Canada

June 2015 - Present (1 year 5 months) | http://www.diacc.ca

Created as a result of the federal government's Task Force for the Payments System Review, the DIACC is a non-profit coalition of public and private sector leaders committed to developing a Canadian digital identification and authentication framework to enable Canada's full and secure participation the global digital economy. DIACC members include representatives from both the federal and provincial levels of government as well as private-sector leaders.

The DIACC's objective is to unlock economic opportunities for Canadian consumers, and businesses by providing the framework to develop a robust, secure, scalable and privacy enhancing digital identification and authentication ecosystem that will decrease costs for governments, consumers, and business while improving service delivery and driving GDP growth.

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## 8.9 Mike Garcia



# 

Former Lead, Trusted Identities Group, NIST, Dept of Commerce, USA

Current: MikeG Consulting

Previous: NIST

## Experience

Mike Garcia is a PhD economist and Federal 100 award winning cybersecurity expert. He currently serves as lead for the Trusted Identities Group at the National Institute of Standards and Technology (NIST), working to catalyze commercial and government adoption of innovative online identity solutions and advancing standards, guidance, and measurement science in identity management.

Mike has focused on cyber economics at NIST since 2011 and was previously with the Department of Homeland Security. He has also worked as a market research manager and software engineer. His dissertation analyzed the conditions that induce firms to invest in preventing data breaches and to report them when they happen.

### **Publications**

- Digital Identity Guidelines [including updates as of 12-01-2017]
- Understanding the Major Update to NIST SP 800-63: Digital Identity Guidelines
- Digital Identity Guidelines
- An Introduction to Privacy Engineering and Risk Management in Federal Information Systems
- Advanced Identity Workshop on Applying Measurement Science in the Identity Ecosystem: Summary and Next Steps

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## 8.10 Mailov Arif



# **Mailov Arif**

Head of the National Certificate Services Center of the Data Processing Center, (Root CA) Azerbaijan.

Current: Ministry of Communications

Previous: IDRAK

Scientific

Degree: Phd in physics and

mathematics

(Moscow, 1986)

Education: Baku State University,

Physics Department (Baku,

1973 - 1978)

### Specialisation

- Building detectors for high-energy physics experiments (streamer tubes, position sensitive photo-multipliers, Si and GaAs microstrip detectors);
- Microcontroller (ATmega) programming;
- Online and offline experimental data analysis;
- Writing programs for real-time management of electronic devices with a computer
- · Modeling of physical processes;
- Data Acquisition Systems based on VME / CAMAC devices.

### Experience

Head: Head of the National Certificate Services Center of

the Data Processing Center,

Project manager: ULTRA computers company

Project manager: IDRAK company

Research scientist: Siegen University, Germany Research scientist: Boğazıçı University, Turkey

Chief research scientist: Physics Institute of the Academy of Sciences of the

Republic of Azerbaijan

### **Publications**

Over scientific 50 publications

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