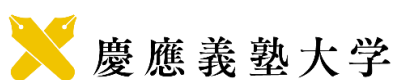


2017.7.4

**Japan-Europe Internet Trust Symposium**  
**~Issues and Practices of E-commerce Using  
Electronic Signatures in Japan and Europe~**

50<sup>th</sup>  
Anniversary

**July 4, 2017**  
**9 : 30~17 : 00**



## ■ Outline

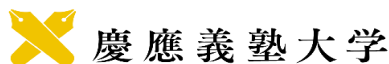
The world is going paperless. The importance of electronic signatures is increasing as the reliability (trust) in the electronic-based business transactions needs to be ensured. “Electronic contracts”, the electronic services for transaction documents using electronic signatures, have spread rapidly in Japan, and the movements towards the Online Complete Society and the Work-style Reforms have been accelerated.

We invited ETSI (European Telecommunications Standards Institute) where is a standardization organization in the telecommunications industry in Europe and some Japanese experts to introduce the trends of the standardization of electronic signatures, as well as the issues and practices of e-commerce using electronic signatures in Japan and Europe.

Date and Time : July 4, 2017 Tuesday 9 : 30~17 : 00

Place : Keio University, Mita Campus, North Building Hall  
(2-15-45 Mita, Minato-ku, Tokyo 108-8345)

Sponsored by : European Telecommunications Standards Institute (ETSI)  
Cyber security Research Center, Keio University  
JIPDEC



Special Support : European Commission



Supported by : Ministry of Internal Affairs and Communications (MIC)  
Ministry of Justice (MOJ)  
Ministry of Economy, Trade and Industry (METI)  
Information-Technology Promotion Agency, Japan (IPA)  
Japan Network Security Association (JNSA)  
Time Business Forum (TBF) , Japan Data Communications  
Association

Co-sponsored by : (10 corporations as of June 28)



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## ■ Program

Time		The Contents of the Lectures	the Speakers
9 : 30 ~9 : 35		Opening address by the sponsor	<b>Satoru Tezuka, Ph.D.</b> Project Professor, Graduate School of Media and Governance Director, Cyber Security Research Center, Keio University
9 : 35 ~10 : 15	①	<a href="#">[Video Message]</a> eIDAS and the role of global standards for international trade •eIDAS and Trust Service Alignment •Remote signing & eIDAS	<b>Andrea Servida</b> Head of Unit "eGovernment and Trust" at DG CONNECT, European Commission <b>Nick Pope</b> Vice Chair, ETSI Electronic Signatures & Infrastructures Principal Consultant, Thales e-Security
10 : 15 ~10 : 45	②	The Trends in Japan (Personal Number card, remote signature, attribute certificate)	<b>Satoru Tezuka, Ph.D.</b>
10 : 45 ~11 : 15	③	The European Member States Trusted Lists	<b>Sylvie Lacroix</b> Signature Validation STF leader, ETSI Electronic Signatures & Infrastructures expert Managing Director, SEALED
11 : 15 ~11 : 45	④	Certification Policies for eIDAS Trust Services and Electronic Delivery Services	<b>Arno Fiedler</b> Member of ETSI ESI Managing Director, Nimbus Technologieberatung GmbH
11 : 45 ~12 : 15	⑤	Audits based on ETSI CP for qualified TSP and global recognition	<b>Clemens Wanko</b> Product Manager for eID and Trust Services TÜV Informationstechnik GmbH
12 : 15~13 : 15 (60分) <b>Lunch Break (60 min)</b> ※Sponsor companies will hold demonstrations including display panels			
13 : 15 ~13 : 45	⑥	CEN Standards on remote signing	<b>Franck Leroy</b> CEN TC224 chairman, Protection Profiles expert Chief Technical Officer of Digital Trust Services, DOCAPOST
13 : 45 ~14 : 15	⑦	Japan-Europe Comparison of Legal Frameworks for Electronic Signatures	<b>Soshi Hamaguchi</b> Cosmos Corporation
14 : 15 ~14 : 45	⑧	Cloud signature consortium	Cloud signature consortium <b>Yoshiko Shozuka</b> Business Development Manager, Digital Media Sales Management, Adobe Systems
14 : 45~15 : 15 (30分) <b>Break (30 min)</b> ※Sponsor companies will hold demonstrations including display panels			
15 : 15 ~15 : 45	⑨	Status of Remote Signature Adoption and Implementation in Japan	<b>Hirohisa Ogawa</b> Remote Signature Task Force Leader, Japan Network Security Association Manager, Management & IT Consulting Div. Mizuho Information & Research Institute, Inc.
15 : 45 ~16 : 15	⑩	Internet Trust from the Perspective of Time Stamps	<b>Koichi Shibata</b> The Chair of Steering Committee of Time Business Forum
16 : 15 ~16 : 45	⑪	Towards the Realization of the Internet Trust	<b>Toru Yamauchi</b> Managing Director, JIPDEC Chief, The Internet Trust Center, JIPDEC
16 : 45~16 : 55 (10分) <b>Q&amp;A</b>			
16 : 55 ~17 : 00		Closing address by the sponsor	<b>Toru Yamauchi</b>

## ■ Speaker Profiles



### **Nick Pope**

Principal Consultant  
Thales e-Security

Nick Pope is a principal consultant at Thales e-Security supporting their customers on use of Thales' hardware security modules in banking, governmental and commercial sectors, specialising in eIDAS. He has been involved in EU standards relating to electronic signatures for more than 15 years and before that the development of X.509 standards in ISO. Currently, Nick is vice-chair of the ETSI TC ESI, chair of the ESI steering group on signature creation and validation, and liaison representative on the CEN Working Group on signing devices. Previously, he led the STF on standardisation for trust services supporting electronic signatures.



**Satoru Tezuka, Ph.D.,**

Project Professor, Graduate School of Media and Governance  
Director, Cyber Security Research Center,

He graduated from the department of Technology, Keio University in 1984, and joined Hitachi Ltd. He has been a Professor of the School of Computer Science, Tokyo University of Technology since 2009. Since April 2016, he is a Project Professor at Keio University.

He received the 2004 IPSJ Best Paper Award, the 2008 IPSJ Best Paper Award, the IEEE-IIHMSP2006 Best Paper Award, and the 2013 Information Security Cultural Award.

In government related organizations, he is a Commissioner of Personal Information Protection Commission, a SIP Sub Program Director of Council for Science, Technology and Innovation, a Committee Member of Critical Infrastructure Advisory in Cybersecurity Strategy Headquarters Information Security Policy Meeting, an Task Force Member of IT Strategy Headquarters Electronic Administration, a Working Group Member of Related Information Infrastructure Technology, a Member of Basic Resident Register Network Research Committee, and a CRYPTREC Member. He is also a Chairperson of the Electronic Signature Law Working Group.

He is the President of the Information Network Law Association, an executive director of the Japan Society of Security Management and a director of the Institute of Digital Forensics.

His books include “Q&A Security Countermeasures for My Number (Seibunsha)”,

“Electronic Signature and Authentication using My Number (Nikkei BP) ”,  
“Enterprise Codes make Japan Strong: Another Type of Individual Number, the  
“Corporate Number (Nikkei BP) ” and “Basic Information Security (Kyoritsu  
Shuppan) ”.



**Sylvie Lacroix**

Managing Director

SEALED

CISA (Certified Information Systems Auditor), Managing Director of SEALED, is an e-Security & e-Solutions consultant with +20 years of experience in e-Security. With a Master from the Ecole Polytechnique de Louvain as technical background, Sylvie started her career as researcher in cryptography at the UCL University. She acquired significant experience in business representation and exploitation of security, cryptography and PKI topics through the complete set-up of the first Belgian Certification and Time-stamping Services Provider conforming to the European Directive on electronic signature. Sylvie participated to the implementation of major projects in e-Security within Europe and beyond, such as national eID cards and ePassports projects. Sylvie was expert for several European studies on eSignatures, such as CROBIES that served as a milestone to the European Decision on Trusted List for CSP and the "IAS" study around the preparation of the draft Regulation on electronic identification and trust services for electronic transactions in the internal market. She has an experience with e-government projects for 15 years, serving prestigious organisations such as European Governments, the European Commission and large enterprises and she is expert for the CEN and ETSI, the two major European standardisation bodies.





**Arno Fiedler**

Managing Director

Nimbus Technologieberatung GmbH

Dipl. Wirtsch.-Ing. (Industrial Engineering)

Arno Fiedler is founder and managing director of Nimbus Technologieberatung GmbH. The core topics of his expertise include designing and deploying PKI infrastructures, legal and technical bases for European policy, standards and requirements for Trust Service Providers and auditors, issues in global markets for Trust Services, development of blockchain-based tools, project management and event organization.

Arno has both organized and spoken at conferences all over the world, published contributions to the field of network and information security, and has for two decades led the Nimbus team through the rapidly changing landscape of the online world of data, communication and trust.

Arno also provides valuable contributions to several task forces, working groups and technical committees, such as ETSI ESI, CA/B Forum, ENISA, AIOTI, BITKOM, TeleTrust and Secure Identity Berlin-Brandenburg.



**Clemens Wanko**

TÜV Informationstechnik GmbH

Clemens Wanko is a senior expert in the area of conformity assessment of trust service providers on national and international level. He is managing the Trust Service Devision within the Certification Body of TÜViT and he is the responsible manager of TÜViTs Conformity Assessment Body (CAB) auditing Trust Services according to local member states law (e.g. German Signaturgesetz) as well as according to the eIDAS-Regulation (REGULATION (EU) No 910/2014).

Furthermore he is acting as product manager for “eID and Trust Services” and as project manager for projects in the area of conformity assessment for trust service providers.

From a technical background, Clemens has a diploma in telecommunications engineering (Diplom-Ingenieur Nachrichtentechnik, 1994). He started his professional career within EUNETCOM, the international joint venture between Sprint, USA with France Telecom and Deutsche Telekom based in Frankfurt/Main, Germany. Amongst others, his responsibility here was dedicated to the secure network communications within the global data backbone of EUNETCOM.

In 1995 Clemens took the opportunity and became the security responsible person (Sicherheitsbeauftragter) in the development phase of Deutsche Telekom's calling card product “T-Card”. After the successful product launch, he moved on to the Science and Technology Centre of Deutsche Telekom in Darmstadt (Forschungs- und Technologie- Zentrum, FTZ) where he took responsibility in several security related projects. Amongst those he headed the development of the 5 Million Euro budgeted security system for Deutsche

Telekoms public telecommunications section.

In the year 2000 Clemens changed to the IT-Security department of TÜViT where he is active since then in several positions. He guided product evaluations according to ITSEC and Common Criteria (CC, ISO ISO/IEC 15408), contributed to a significant level to the establishment of TÜViTs NIST FIPS-laboratory and took over the audit of trust service provider according to the German Digital Signature law (Signaturgesetz).

He finally changed to the Certification Body of TÜViT in the year 2006.

Since then he developed TÜViTs service branch for eID and Trust Service Provider, first as project and product manager up to day as head of the eID and Trust Service Division of TÜViTs certification body.

Since 2014 Clemens contributes as an expert in the area of eID, Trust Services and auditing to several ENISA publications. He is an active speaker in major conferences (e.g. EFPE, CAST-Forum, CA-Day) on trust services in Europe.



**Franck Leroy**

Chief Technical Officer of Digital Trust Services, DOCAPOST, France

Franck Leroy studied Computer Science at Université Paris Sud (France) and received Master's degree in engineering diploma in 1996.

From 1999 to 2004, he worked as a software project leader in the domain field of PKI and then as R&D department manager.

From 2007 as CTO of the French Post Certificate Authority, Franck started to participate to normalization works in 2011 at CEN. Editor of the Server Signing standards, he is also an expert in ETSI specialized task force covering the area of trust service providers supporting electronic signature, where he is in charge of the time-stamping policies.

In 2016 Franck has been nominated to chair the CEN technical committee N°224 in charge of personal identification and related secure devices. Alongside this, Franck is an expert witness on oath by the Paris Court of Appeals, in the domain of IT security.



**Soshi HAMAGUCHI**

Manager of IT Security Department, Cosmos Corporation  
(Visiting Researcher of JIPDEC)

<Profile>

Soshi Hamaguchi joined Cosmos Corporation in April, 2007.

He participated in the 15 months training course of TUEV Nord AG group in Germany from September, 2008. He also engaged in Common Criteria evaluation at TUEV Informationstechnik GmbH.

He has offered the accreditation services for the management systems of certification authorities and time stamping authorities, hosted the related seminars, and conducted surveys and other services as a Japanese representative of TUEV Informationstechnik GmbH since April, 2011.

He has participated in the promotion of JCAN certificates as a visiting researcher of JIPDEC since April, 2013.

<History>

- 2015- ISO/IEC JTC1 SC27 WG3 Member of the subcommittee
- 2015- Acquired the qualification of ETSI TS 102 042 lead assessor
- 2013-2015 ISO/TC247 and PC246 Member of the national committee
- 2013 Acquired the qualification of ETSI TS 102 042 assessor
- 2011 Acquired the qualification of a Common Criteria Evaluator (in Germany) by participating in the training course of TUEV Informationstechnik GmbH.



**Yoshiko Shozuka**

Business Development Manager, Digital Media Enterprise, Adobe Japan

Have been responsible for marketing and business development as a product manager at global software vendors such as Microsoft and Adobe. Have engaged with electronic signature market development and evangelism, since the introduction of Adobe's electric signature services, Adobe Sign, in Japan.



**Hirohisa Ogawa**

Senior Manager, Management & IT Consulting Div,  
Mizuho Information & Research Institute, Inc.

JNSA (Japan Network Security Association) Remote Signature Task Force Leader

From 2000, Hirohisa Ogawa has been researching and developing cryptographic module design and development and information security with software vendors.

From 2008, he is a senior manager at Mizuho Information & Research Institute, Inc. and conducts research and research on information security technology.

From 2016, JNSA Remote Signature Task Force Leader, draft the requirements and guidelines for remote signatures.

<Performance>

Ministry of Economy, Trade and Industry Project "Research on electronic signature and certification work" (2015 - 2016).

Ministry of Economy, Trade and Industry Project PDF long-term signature profile International Standardization Activities Committee (2014 - 2016).



**Koichi Shibata**

In 2000, launched the time business (Chronotrust) in Seiko Instruments Inc., and in 2013 joined the establishment of Seiko Solutions inc.

Currently as the Seiko Group's cyber-time business general manager.

- Time Business Forum (Member since the launch of 2006, Chair of Steering Committee from 2011)
- Time Business Accreditation Program committee member
- UTC Traceability Committee for JIS drafts making (JISX 5094) member
- Member of the WRC 15 Space Subcommittee, Ministry of Internal Affairs and Communications
- "Outline e-Document Law / Time Business Promotion Forum edited" (NTT Publishing) co-authored
- "Complete Guide e-Account ledgers archive law" (Zeimu Kenkyukai Publishing) supervision





**Toru Yamauchi**

Managing Director, JIPDEC

Chief, The Internet Trust Center, JIPDEC

Toru Yamauchi entered Japan's Ministry of International Trade and Industry in 1985. During his time there he advanced to the Director of the Industrial Standardization Department in 2002. In 2007 he became the Counselor of the Cabinet Secretariat in the Office of Information Technology Policy. From 2013 to 2015 Yamauchi was Research Director at the Japan Computer Emergency Response Team Coordination Center (JPCERT/CC) in Tokyo. Since mid- 2015 he has been Managing Director at JIPDEC, and chief of The Internet Trust Center.



慶應義塾大学



<https://itc.jipdec.or.jp/english/event/20170704.html>