

Organizers

EUROSMART GLOBALPLATFORM



Implementation



8th edition

e-Smart



conference & demos 2007

Designing the future of digital security, smart card and trusted devices

September 19-21 — Sophia Antipolis, French Riviera

2007 Programme

www.e-smart.eu

Strategic Partners



Institutional Partners



Press Partners



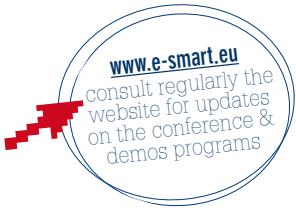
Welcome to e-Smart 2007

The "e-Smart" conference is the summit conference you should attend to cover your interest expectations and requirements on shaping the future of digital security, smart card and trusted devices. For your benefit, "e-Smart" has brought together the best and most knowledgeable speakers of the industry to give presentation of new ideas, new technological and strategic trends.

The conference constitutes a unique occasion to have fruitful exchanges and share visions of the smart card future with your peers.

Take also the opportunity to attend one or several parallel meetings or workshops that are proposed either on the day before the opening (Sept.18) or during the conference. Most of them are open to all the attendees without any additional registration fee, just fill in properly your registration form.

e-Smart

at a glance	MORNING	AFTERNOON
DAY 1 Sept.19	<p>09.30am Welcome coffee – Badges delivery</p> <p>10.00am - 11.00am Plenary - Opening Session: Smart Security: The new frontier</p> <p>11.00am - 01.00pm Plenary - Panel debate: Cyber Security Europe/USA: Meet the pathfinders of our future</p> <p>01.00pm - 02.00pm Lunch – Networking - Demos</p>	<p>2.00pm - 06.15pm: Session 1: New Applications & Frameworks in the Mobile Telecoms sector in 2 parallels:</p> <p>parallel 1a: New applications parallel 1b: New frameworks</p> <p>4.00pm - 4.45pm Coffee break – Networking – Demos</p>
DAY 2 Sept.20	<p>9.00am – 12.45am 2 parallels</p> <p>Session 2: Java Card and Software Platforms Innovations</p> <p>Session 3: New technologies for Convenience & Multimedia</p> <p>10.30am – 11.15am Coffee break – Networking – Demos</p> <p>12.45am – 2.30pm Lunch – Networking – Demos</p>	<p>2.30pm – 4.30pm 2 parallels</p> <p>Session 3 (continuing): New Technologies for Convenience & Multimedia</p> <p>Session 4: Technologies for Trust & Security</p> <p>4.30pm - 5.00pm Coffee break – Networking – Demos</p> <p>5.00pm – 6.30pm Plenary – Panel debate A New Mobile Eco-system: SIM, USIM or no SIM?</p> <p>8.00pm Social Event</p>
DAY 3 Sept.21	<p>9.00am – 12.45am 2 parallels</p> <p>Session 3 (continuing): New Technologies for Convenience & Multimedia</p> <p>Session 4 (continuing): Technologies for Trust & Security</p> <p>10.30am – 11.15am Coffee break – Networking – Demos</p> <p>01.00pm End of the conference</p>	

Isabelle Attali AWARD sponsored by INRIA

Award Ceremony on September 20, 2007

The "Isabelle Attali Award" was created 2 years ago upon the initiative of "e-Smart" conference. The award honours the most innovative work presented during "e-Smart" and now extended to the "World e-ID" and "Aml.d" conferences. It rewards more particularly a scientific innovation within the technical scope of these conferences. It is attributed to one researcher or to a team and can involve an academic work or a research one led in company or an applicative innovation.

The Award Ceremony takes place during the event, where will be rewarded the winner with the **€3000 prize by Inria**

Steering Committee

Richard Bricaire, Strategies Telecoms & Multimedia - Christian Goire, Java Card Forum – Pierre Paradinas, Inria/CNAM – Jean-Jacques Quisquater, University of Louvain la Neuve

Selection Committee

Gilles Barthe, INRIA - Richard Bricaire, Strategies Telecoms & Multimedia – Serge Chaumette, LABRI - Christian Goire, Java Card Forum – Pierre Paradinas, Inria/CNAM – Jean-Jacques Quisquater, University of Louvain la Neuve - Thanh Ha Le, CEA Leti - Jean-Jacques Vandewalle, Gemalto

Winning teams in

2005 : Pr Serge Chaumette and his team, from LaBRI University of Bordeaux (France)

2006, 2 awards: ■ Team constituted by Thanh Ha Le Ph.D Student and Jessy Clédière Engineer/ Researcher at CEA-Leti ; Jean-Louis Lacoume Professor and Christine Servièrè Researcher at LIS Laboratory of the Institut National Polytechnique of Grenoble INPG (France) ■ Jean-Jacques Vandewalle, Research Engineer at Gemalto

Programme Committee

Eric Alzai, Inside Contactless
Yvon Avenel, SmartCards Trends
Gilles Barthe, Inria
Gil Bernabeu, GlobalPlatform
Sergio Cozzolino, GSM Association
Wolfgang Effing, Giesecke & Devrient
Jerry Fishenden, Microsoft
Christian Goire, Java Card Forum
Juergen Hammerschmitt, MultiMedia Card Association
Akio Kokubu, New Media Development Association
Alain Jarre, Oberthur Card Systems
Antonio Mana, University of Malaga
Clotilde Servajean, Eurosmart
Sophie Tacchi, IBM
Jean Paul Thomasson
Philippe Vallée, Gemalto
Frank Xu, Smart Card Forum of China



9.30am-
10.00am – 11.00am
11.00am – 1.00pm

1.00pm – 2.00pm
2.00pm – 6.15pm

4.00pm – 4.45pm

Welcome coffee – Badges delivery
Plenary – Opening Session: Smart security, The new frontier
Plenary – Panel debate – Cyber Security Europe & US: Meet the pathfinders of our future
Lunch – Networking - Demos
New applications and frameworks in the mobile telecoms sector
Parallel 1a: New applications – Parallel 1b: New frameworks
Coffee break – Networking - Demos

➔ MORNING

Plenary – Opening Session: **Smart Security, The new frontier**

Jacques Seneca Eurosmart Chairman, Dr Walter Weigel ETSI General Director will address their vision and perspectives on this challenging issue



J. Seneca

Plenary – Panel debate: **Cyber Security Europe/USA: Meet the pathfinders of our future**

■ **Transatlantic bridge to global issue: Beyond today's organisations firewalls and individuals e-passports Cyber-security is and will be global, it is a pre-requisite for a healthy expansion of the Information society. No doubt, cooperation at the R&D level between Europe and the USA is a natural step towards a common global approach in Cyber-security, based on the sharing of common roadmaps and visions, but also on the recognition and acceptance of distinctive cultural, social, ethical particularities or views. Through this exciting panel you will meet with some of the most renowned researchers on both sides of the Atlantic and have the opportunity to discover and discuss how they envision our future.**

Moderated by **Jacques Bus**, Head of the Security Research Unit at the European Commission's Information Society and Media DG. The debate will run along 4 strands:

- **Protecting future large polymorphic networked infrastructures:** *representative from the DHS (tbc); Michel Riguidel, SecureIST European project and Professor at ENST*
- **Aml: What might go wrong:** *David Wright, Managing Partner of Trilateral Research & Consulting LLP and one of SWAMI project's authors.*
- **"Smart Security" a holistic approach to future cyber-security services:** *Willem Jonker, Head of the Division of Digital Life Style at Philips Research and professor at U. of Twente; Pradeep K. Khosla, Dean College of Engineering, Director CyLab, Carnegie Mellon University and CERT-US representative (CMU).*
- **From vision to reality: paving the way through standardisation and interoperability:** *Charles Brookson, Chairman of ETSI OCG Security and Chairman on the GSM Association Security Group*



W. Weigel



J. Bus

➔ AFTERNOON

New applications and frameworks in the mobile telecoms sector

■ **The session is devoted to outline the new trends of smart cards usage in the telecommunication environment, covering the convergence issues between fixed mobile and IP frameworks and enlarging the scope to additional cooperation areas like the financial one.**

Parallel 1a: New applications

Moderator: Wolfgang Effing, Head of Technology Division New Business – Giesecke & Devrient

- **Smart Card Web Server as an enabler for enhanced service offerings -** *Heiko Kruse, Product Line Manager 3G, BU Telecommunication - Sagem-Orga*
- **Smart Card Web Server: a new era for USIM services -** *Davide Pratone (speaker), Mobile Access & Terminals HW/SW Innovation, SIM Lab Manager - Fioravante Pascale, Domestic Mobile Services Handset & SIM Development - Telecom Italia*
- **A Flexible Web Server Application Framework for Smart Cards -** *Vitorio Miliano, Franck Dehlinger, Laurent Castillo (speaker), Asad M. Ali - Gemalto Technology & Innovation*
- **Smart Card Web Server on board: ISO versus HSP -** *Stéphane Girodon, Marketing Product Manager, Mobile Marketing Solutions - Oberthur Card Systems*
- **The Secure Media SIM project -** *Michel Koenig, Project Manager, Polytech'Nice Sophia-Antipolis - Christian Goire, Gemalto*
- **Security for DVB-H: the SIM centric approach -** *Bertrand Wendling, Senior Manager Standards & New Technologies - Nagra France*
- **The role of USIM in the ecosystem of Mobile TV: from security to interactivity -** *Sylvester Denis, Security Product Manager, Mobile Marketing Solutions - Oberthur Card Systems*



D. Wright



H. Kruse

Parallel 1b: New frameworks

Moderator: Sergio Cozzolino, Corporate Dept. Mobile ICT solutions Vice President, Telecom Italia - GSMA SCAG Chairman

- **Fixed Mobile Convergence - a Challenge for Smart Card Security -** *Stephan Spitz, Project Manager New Technologies Division Telecommunication - G&D*
- **First results of the Mobile Task Force -** *Gil Bernabeu, GlobalPlatform Technical Director*
- **A Mobile configuration for Global Platform -** *GlobalPlatform Card Committee, Sophie Diallo (speaker) Senior Development Engineer, Marie Tenegal, Jean-Loup Dépinay at Oberthur Card Systems*
- **New perspectives on EMV based One Time Passwords -** *Jerome Ajdenbaum, President - Smart Payment Association*
- **Shaping the Ecosystem of Mobile Financial Services -** *Bent Bentsen, Mobey Forum Member of Board of Directors, DnB NOR Bank ASASenior Advisor*
- **The Role of the (U)SIM in Simple Mobile Services -** *Carsten Rust (speaker) R&D Project Manager; Lars Schnake, R&D Engineer - Sagem Orga; Stefano Salsano, Assistant professor - University of Rome "Tor Vergata"*
- **Is there a future for smartcards in WiMAX networks? -** *Pascal Urien, Professor - ENST Paris*



J. Ajdenbaum



C. Rust

➔ MORNING

Session 2: JavaCard and Software platforms innovations

Moderated by Christian Goire, President - Java Card Forum

■ **The Java Card Technology is providing an unrivalled platform to develop new applications and services. It has proved to be mature and reliable through the billions of cards already issued. New enhanced features are to come. Around this background this session will allow you to refresh your knowledge and discover the coming future.**

- **Java Card 3.0: In the heart of a proof of concept** - Vincent Guerin (speaker) Senior Development Engineer, Jean-Loup Dépinay Java Card Architect - Oberthur Card Systems
- **Evaluation and comparison of the PRNG of different brands of Java™ Cards - Framework and first results** - Serge Chaumette, Stephanie Eonet, Jonathan Gimenez, Damien Sauveron - LaBRI, Université Bordeaux 1 et XLIM, Université de Limoges
- **How to measure the performance of the Java Card Platforms** - Pierre Paradinas, INRIA - Julien Cordry, PHD Student; Samia Bouzeffrane (speaker) Associate Professor - CNAM
- **Security Meets Simplicity: Internet Authentication through Plug-n-Play Smart Cards** - Dr Karen LU Principal Engineer, Asad Ali (speaker) - Technology and Innovation Gemalto USA
- **Pairing-Based Cryptography Applied to Smart Cards** - Omid F. Nadjarbashi, Managing Director, Kasra Card Co.
- **Digital TRNG: Reality or Fiction?** - Ihor Vasylytsov, speaker, Ph.D., Senior Engineer ; Eduard Hambardzumyan - Embedded S/W Center, System LSI - Samsung Electronics Co., Ltd.

Session 3: New technologies for convenience & multimedia

Moderated by Eric Alzai, Chief Technology Officer – Inside Contactless

This session will focus on the impact of the integration of new technologies such as Near Field Communication, biometrics and new generation multimedia SIM cards on the architecture of mobile handsets which should open the way to a whole family of new converging services on mobile such as payment, transit or identity.

- **Very High Data Rate Contactless Air Interface** - E. Crochon, G. Masson, J. Reverdy, G. Robert, T. Thomas, F. Vacherand (speaker) - CEA LETI MINATEC
- **Mobile Contactless SIM Centric successful approach** - Lorenzo Stranges, Mobile Marketing & Solutions - Oberthur Card Systems
- **The SIMple Approach to Converging Mobile Services** - Tim Baker, Advanced Marketing Director - Inside Contactless
- **Japan domestic contactless market** - Neda Behnam, Business Development Telecom Manager, Renesas Technology Europe
- **StoLPaN project: Partnership and cooperation in NFC innovation** - U. Biader Ceipidor, F. Greco, F. Prato, T. Sebastiani, A. Moroni Università di Roma "La Sapienza", Rome - R. Gomes, C. M. Medaglia (speaker), NXP S.p.A, Monza Italy - A. Vilmos StoLPaN Project coordinator
- **Bridging NFC handsets with the Legacy Contactless Infrastructure** - Dominique Brûlé, Director of Marketing Business Line Services - NXP Semiconductors



V. Guérin



F. Vacherand



T. Baker



N. Behman

ORGANIZERS

EUROSMART

Eurosmart is an international association located in Brussels representing 27 companies of the Smart Card industry for multi-sectors applications since 1995. The Association is a non-profit organisation committed to expanding the world's smart card standards and continuously improving the quality and security of applications.

Members are largely involved in political and technical initiatives as well as research and development projects at the European and international levels.

For more information, please visit www.eurosmart.com

JCF Java Card Forum

The primary purpose of the Java Card Forum is to promote as an industry the development of Java as the preferred interpreter language for interoperable smart cards. The Forum is divided into two Committees; the Business Committee and the Technical Committee, and they have met every quarter since the Forum was founded in 1997, successfully providing recommendations to SUN Microsystems for the Java Card specifications, the latest version being Java Card 2.2.2.

Current work is focused on vertical market extensions to the core specification for GSM telecom, banking and information technology, and defining specification recommendations for the Next Generation Java Card technology.

www.javacardforum.org

02.30pm – 04.30pm

2 parallels –

Session 4: Technologies for trust & security

Session 3 continuing: New technologies for convenience & Multimedia

4.30pm – 5.00pm

Coffee break – Networking - Demos

5.00pm – 6.30pm

Penary – A New Mobile Eco-system: SIM, USIM, or no SIM?

8.00pm

Social Event

➔ AFTERNOON

Session 3 continuing: **New technologies for convenience & multimedia**

Moderated by Gil Bernabeu, GlobalPlatform Technical Director

- **Unleashing new ID technologies in mobile networks: Fingerprint recognition and SIM cards put to use with Match-on-Card biometrics** - Jonas Andersson, VP business development - Precise Biometrics
- **Looking for the Optimal Platform for Storage Solution** - Boris Dolgunov, Architect - MSS Group SanDisk
- **Enhanced Phonebook: Killer Use Case for MegaSIM** - Jean-Pierre Gressin, Marketing Product Manager, Mobile Marketing Solutions - Oberthur Card Systems
- **MaXSSIMM, a solution for effective deployment of multimedia services in the context of the mobile internet** - Laurent Manteau, Coordinator of the MaXSSIM program

Session 4: **Technologies for trust & security**

Moderator: to be appointed

■ The widespread use of Smart Cards and other Trusted Personal Devices is enforcing a model where legal frameworks are reinforced by a set of security mechanisms and functions in both hardware and software to handle every possible deviation from the generic path of every transaction. The objective of this session is to review: – The new potential security attacks versus innovative and efficient countermeasures, especially on cards making an intensive use of new technologies such as flash memory, advanced 32b architectures, short range wireless communication interfaces (contact less) and biometrics – To debate on system security composition and efficient methodologies from systems and products specifications, design, production to certification and use.

● **Keynote address: Cryptography from A to Z**

Jacques Stern - Professor Ecole Normale Supérieure Paris , CNRS 2006 Gold Medal

- **New architectures, new threats, new countermeasures** - Eric Vétillard, Chief Technology Officer - Trusted Labs
- **Successful Side Channel Analysis on contactless smart cards** - Rob Bekkers, Senior security evaluator - Brightsight
- **Smart Card Implementation of a Strong Authentication Scheme Based on Coding Theory** - Mounir Aziri (speaker), Emmanuel Prouff, Cryptography & Security Group - Oberthur Card Systems ; Philippe Gaborit, University of Limoges - France.

Plenary - Panel debate A New Mobile Eco-system: SIM, USIM, or no SIM?

in cooperation with publisher & editor Yvon Avenel, **TRENDS**

Panellists to be confirmed shortly

- **Technology Enablers and New Key Applications: What are the Security Architectures requested for the Mobile?**
- **Business models and user cases for services providers and operators: which are the major requirements to share revenues and customer access and satisfaction?**
- **Certification processes and standardisation works: How to swiftly move ahead?**

➔ SOCIAL EVENT - GALA DINNER

■ The Gala Dinner provides an excellent opportunity for networking with the attendees of the “Smart Event”. Secure and book your seat through online registration on www.e-smart.eu



J. Andersson



L. Manteau



J. Stern



E. Vétillard



Y. Avenel

GLOBALPLATFORM

GlobalPlatform is a member driven organization with world-wide cross-industry representation. GlobalPlatform is the leading, international association, focused on establishing and maintaining interoperable specifications for single and multi-application smart cards, acceptance devices and systems infrastructure that deliver benefits to issuers, service providers and technology suppliers.

These specifications are known as the standard for smart card infrastructure, thanks to their balance of technical superiority and business justification.

GlobalPlatform specifications are available royalty-free and have been adopted in Europe, North America, Asia and Australia by many public and private bodies.

As of December 2006, there were over 40 known GlobalPlatform-based smart card implementations worldwide and 110 million GlobalPlatform cards in global circulation. These figures are estimated to rise to 60 and 150 million, respectively, by the end of 2007. Additionally, there are 1.2 billion GlobalPlatform GSM implementations worldwide. GlobalPlatform is an independent, not-for-profit organization and its strategy is defined and prioritized by a Board of Directors.

www.globalplatform.org

MORNING



L. Sourgen



F. Forge



C. Giraud



C. Barral

Session 3 continuing: New technologies for convenience & multimedia

Moderator: to be appointed

- **Processor Requirements for a High Security Smart Card Operating System** - Paul A. Karger Research Staff Members (speaker), David C. Toll, Suzanne K. McIntosh - IBM, Thomas J. Watson Research Center
- **Advanced 90nm embedded FLASH: The right solution for flexible SIM card circuits** - Jean Devin, Laurent Sourgen - STMicroelectronics
- **High Capacity SIM as an Application Deployment Platform** - Zhimin Ding (speaker) Chief Architect - Richard Morley Vice President - Silicon Storage Technology
- **Opportunities and issues of the new technologies for UICC** - Neda Behnam, Renesas
- **Securing optical media with a RF TAG - The MEDI@SUR project** - Jean-Claude Pailles - France Télécom/ R&D/MAPS/eCB
- **Trustworthy Signing with Smart Card System in Untrustworthy Environments** - Dipl.-Ing. Lijun Liao Chair for Network and Data Security Jorg Schwenk Horst-Gortz Institute of IT Security Ruhr-University Bochum, Germany

Session 4 continuing: Technologies for trust & security

Moderated by Jean-Paul Thomasson

- **Smart IT devices security segmentation** - Hans-Gerd Albertsen/NXP Semiconductors, Françoise Forge/Gemalto/ Convenor of Eurosmart PSSWG (speaker), Florian Gawlas/Giesecke&Devrient, Catherine Gibert/STMicroelectronics, Jürgen Noller/Infineon, Wolfgang Pockrandt/Infineon, Tyrone Stodard/Renesas - Eurosmart Product & System Security Working Group
- **Security challenges for Contactless solutions** - Hans-Gerd Albertsen/NXP Semiconductors, Françoise Forge/Gemalto, Florian Gawlas/Giesecke&Devrient, Catherine Gibert/STMicroelectronics (speaker), Jürgen Noller/Infineon, Wolfgang Pockrandt/Infineon, Tyrone Stodard/Renesas - Eurosmart PSSWG
- **The Difficulty of Securing Software Applications on Smart Cards with Unknown Architecture** - Christophe Giraud, Hugues Thiebeauld - Cryptography & Security Group, Oberthur Card Systems
- **Secure SoC and Hypervisor solution breakthrough: security and cost effectiveness alliance for payment terminals** - Yann Loisel, Chief Security Officer - Innova Card
- **Security analysis for online electronic transaction system** - XiuTao Feng, Assistant Researcher; Youlei Chen, Assistant Researcher; Sean Gao, Director (speaker) - Watchdata Research and Innovation, Watchdata Systems Ltd
- **The Fuzzy Interaction between Cryptography & Biometrics** - Claude Barral (speaker) Research Scientist, Technology & Innovation Labs; Pascal Paillier Head of Cryptography & Innovation, Security Labs - Gemalto; Louis Goubin Professor - Univ. Versailles (France) Cryptography & Security Consultant

The organizers reserve the right to change the programme and the identity of the speakers. This document is not a contractual document.

HOW TO REGISTER ?

Online registration www.e-smart.eu

REGISTRATION RATES in euros, VAT not included*	FULL EVENT	1 Day
Regular Attendees	900	600
● Early Birds + 1 subscription to Smart Card Trends ⁽¹⁾	900	n/a
● Early Birds – available up to July 8 th	750	650
Associated Members ⁽²⁾ & Sponsors	650	n/a
Non Profit ⁽³⁾ , Academics, Authors	400	n/a
Full Board Academics A ⁽⁴⁾ Full Board Academics B ⁽⁴⁾ – available up to July 31	600 700	n/a
Speakers ⁽³⁾	350	n/a

- (1) This rate includes 1 early bird registration to the conference + 1 year subscription to «SmartCardsTrends», offer limited to 10 attendees. More details on SmartCardsTrends: www.smartcardtrends.com.
- (2) Members from Eurosmart, GlobalPlatform, Java Card Forum, e-Forum, Smart Card Forum of China, ACT Canada... consult the updated list on the conference website.
- (3) Non-profit organizations include professional associations, administrations, government departments and agencies, local authorities
- (4) Full Board for Academics A: includes 2 nights & 2 dinners (Sept.19 & 20). Full Board for Academics B: includes 3 nights & 3 dinners (Sept.18, 19 & 20) MediaGarden hotel (****) – 1 morning bus, 1 evening bus.

All prices are per 1 delegate inclusive lunches (no lunch on Sept. 21), coffee tea breaks, the e-Smart Proceedings (Cd-rom). "e-Smart" delegates have free access to the co-located "World e-ID" & "Aml.d" conferences and qualify for preferential conditions to get their proceedings: 75€ instead of 115€ up to Sept. 21st 2007 (+ Vat for European Community Members). All payments must be made prior to the conference, otherwise admission will not be permitted. Payment is in Euros. Invoices will always be issued.

Cancellations must be in writing. In case of cancellation, 10 % of the fee will be retained for administrative expenses if the cancellation is received at least 15 days before the event, i.e. September 3, 2007. As of that date, the entire registration fee is due. Replacements are accepted at any time. The organizers reserve the right to modify the programme if, despite all their efforts, they are forced to by circumstances. Strategies Telecoms & Multimedia is an approved training organization (n° 11930503193). An invoice receipt which can serve as a training contract will be sent to you at the end of the event, along with a presence sheet (on demand).

The conference will be held at the AGORA EINSTEIN – 905 rue Albert Einstein 06560 Valbonne Sophia Antipolis - France.

An invitation letter together with all useful information will be sent to you before the event.

In application of law n° 78-17 of January 6, 1978, the information we request is needed to process your registration. You may access the information and make any corrections, if required. This brochure is not a contractual document. The Organizers reserve the right to change the program or the identity of the speakers. For any further information: Strategies Telecoms & Multimedia 3 Allée des Tilliers 93100 Montreuil sous Bois - France – lperron@strategiestm.com – fax n° + 33 1 70 07 05 05

Smart Event '07 AT A GLANCE

September 17-21, 2007

The «Smart Event» hosts 4 international events:

“e-Smart, Designing the future of digital security, smart card and trusted devices”, the leading smart card industry conference (8th edition - Sept. 19-21 – www.e-smart.eu)

“World e-ID, Electronic ID management and applications now coming to you!” (4th edition – Sept. 19-21 – www.worlde-id.eu)

“Aml.d, Developing Ambient Intelligence” (2nd edition – Sept. 17-19 – www.amidconference.org)

“Smart University, Sharpening skills in smart card, e-ID, mobile telecoms and Aml technologies”, advanced educational programme (3rd edition – Sept. 17- 20 – www.smart-university.net)

	MORNING	AFTERNOON
DAY 1 Sept.17	<i>Smart University</i> • Smart Card Software • Identity Management and e-services • Smart Card & Mobile Telecoms • NFC	<i>Smart University</i> • Smart Card Software • Identity Management and e-services • Smart Card & Mobile Telecoms • NFC
	Aml.d • Research Track	Aml.d • Research Track
DAY 2 Sept.18	<i>Smart University</i> • Smart Card Software • Identity Management and e-services • Smart Card & Mobile Telecoms • NFC	<i>Smart University</i> • Smart Card Software • Identity Management and e-services • Smart Card & Mobile Telecoms • NFC
	Aml.d • Research Track • Open Track	Aml.d • Research Track • Open Track
DAY 3 Sept.19	<i>Smart University</i> • Smart Card & RFID Security • Biometrics • Ubiquitous Computing • DRM	<i>Smart University</i> • Smart Card & RFID Security • Biometrics • Ubiquitous Computing • DRM
	• Smart Security: The new frontier • Cyber Security Europe/US: Meet the pathfinders of our future	e-Smart • New applications and frameworks in the mobile telecoms sector (in 2 parallel sessions)
	Aml.d • Research Track	World e-ID • Large scale eIDM projects • Large scale eIDM systems
DAY 4 Sept.20	<i>Smart University</i> • Smart Card & RFID Security • Biometrics • Ubiquitous Computing • DRM	<i>Smart University</i> • Smart Card & RFID Security • Biometrics • Ubiquitous Computing • DRM
	e-Smart • JavaCard & software platforms innovations • New technologies for convenience & multimedia	e-Smart • New technologies for convenience & multimedia (continuing) • Technologies for trust & security • Plenary - Panel debate – The new mobile eco-systems: SIM, USIM or no SIM?
	World e-ID • PLENARY: What is the best in class biometric solution for (remote) eServices access? • Regional & National eIDM strategies • Biometrics, a key enabler for border control & eAuthentication • Digital signature, the key for eID deployment	World e-ID • Regional & National eIDM strategies (continuing) • Best eID practices and systems solutions • Standardisation, a must for interoperability and reliable systems • Testing for eID interoperability & security
		• Social Event/ Gala dinner
DAY 5 Sept.21	e-Smart • New technologies for convenience & multimedia (continuing) • Technologies for trust & security (continuing)	
	World e-ID • Mid & long term vision on eID and next generation • New emerging technologies, R&D, security aspects • eID for a better ehealth provision/ Biohealth EFMI workshop	

Plenary sessions – gathering attendees from Aml.d, e-Smart & World e-ID

PARALLEL MEETINGS AND WORKSHOPS

Look at the websites of the « Smart Event » to know more on:

September 18

- **GemaltoOne, International Research & Innovation Forum**
- **FIDIS (Future of IDentity in the Information Society) workshop** Identity in the e-Society: which future?
- **Onom@topic workshop** Designing and mastering together the European platform for eID interoperability

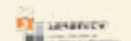
gemalto



Onom@Topic+

September 19 afternoon

- **Serenity Project workshop** Serenity and Ambient Intelligence



September 20

- **Mesure User Group** Measure of performance and characteristics of embedded Java Card platforms

Free registration for all Smart Events delegates

SPONSORS & PARTNERS

Strategic Partners

Microsoft

A powerful transformation is on the horizon for government and public services organizations. The technology investment decisions made by government organizations today and in the next few years will change the face of administrations and service delivery and alter the competitiveness of entire economies for decades.

Governments are sharply focused on the converging economic costs of aging populations, red tape, tax avoidance & benefits fraud. They are challenged to manage the future budget impact of these converging socio-economic forces. For the first time, populations will be more old than young. This factor will require a broader range of services over a longer period paid for by a smaller taxpayer base. In addition, escalating tax avoidance and benefits fraud add to the pressure to protect the revenue base. As a result, there is a common theme emerging around the world. What role can technology play in helping government achieve the necessary policy outcomes of improved service delivery, help drive increase tax revenues base, reduce the incidence and impact of the informal economy in emerging markets, while at the same time strengthening transparency.

As a leading provider of technology, Microsoft strongly believes that software and a connected infrastructure is a critical foundation to address these policy challenges and we proposes that the value and merits of a robust, predictable and interoperable platform will help governments worldwide achieve economy-wide efficiencies. This vision, demonstrated through the descriptive Connected Government Framework (CGF), is taking hold through the establishment of a global Public Services and eGovernment strategy focused on strategic solutions supporting the core functions of government. Technology has evolved beyond being a 'factor of production' to being one of the most powerful policy levers available to government.

Founded in 1975, Microsoft (Nasdaq "MSFT") is the worldwide leader in software, services and solutions that help people and businesses realize their full potential. For more information, please visit www.microsoft.com

Strategic Partners

gemalto

Gemalto is a leader in digital security with pro forma 2006 annual revenues of €1.7 billion, operations in about 100 countries and more than 10,000 employees including 1,500 R&D engineers. In a world where the digital revolution is increasingly transforming our lives, Gemalto's solutions are designed to make personal digital interactions more convenient, secure and enjoyable.

Gemalto provides end-to-end digital security solutions, from the development of software applications through design and production of secure personal devices such as smart cards, SIMs, e-passports, and tokens to the management of deployment services for its customers. More than a billion people worldwide use the company's products & services for telecommunications, financial services, e-government, identity management, multimedia content, digital rights management, IT security, mass transit and many other applications.

As the use of Gemalto's software and secure devices increases with the number of people interacting in the digital and wireless world, the company is poised to thrive over the coming years. Gemalto was formed in June 2006 by the combination of Axalto and Gemplus. For more information please visit www.gemalto.com

Strategic Partners



With sales of 524 million euros in 2006, Oberthur Card Systems is one of the world's leading providers of card-based solutions, software and applications including SIM and multi-application smart cards as well as services ranging from consulting to personalization.

Innovative products, security expertise and high quality services ensure Oberthur Card Systems' strong positioning in its main target markets:

- Payment & Services: 47% of 2006 revenues. A world leading supplier of Visa and MasterCard payment cards
- Mobile Communications: 37% of 2006 revenues, with open and interoperable solutions based on Java™ technology.
- Identity: strong positions in ID projects throughout the world
- Multimedia: leading position in the Pay-TV market with an end-to-end expertise in the value chain: software development, manufacturing and personalization
- Transit: focus in the high-end segment with a microprocessor-based offer.

Close to its customers, the company benefits from an industrial and commercial presence across all five continents. Listed on the Euronext Stock Exchange (ISIN: FR0000124133) since July 2000, Oberthur Card Systems is a subsidiary of the François-Charles Oberthur Group. www.oberthurcs.com

Institutional Partners



ETSI is officially responsible for standardization in Information & Communication Technologies (ICT), including telecommunications and broadcasting.

The Institute plays a major role in global standardization, uniting almost 700 member organizations from 62 countries, including manufacturers, network operators, administrations, service providers, research bodies and user representatives - in fact, all the key players in the ICT arena. ETSI's prime objective is to support global harmonization by providing a forum in which all the key players can contribute actively.

For more information, please visit www.etsi.org

Institutional Partners



The French national institute for research in computer science and control is the only public institute entirely dedicated to research in information and communication science and technology (ICST). It has a 3,800 strong staff - 2,900 of which are scientists - distributed in six research units across France. INRIA has an annual budget of 162 million euros, 20% of which comes from its own research contracts and licences. INRIA has massive influence in the following fields: "networks, telecoms and multimedia", "complex systems and software" and "modelling, simulation and visualisation". It develops collaborations with the economic world through strategic industrial partners and by setting up open forums and creating companies (83 start-ups) - particularly through its subsidiary INRIA-Transfert. www.inria.fr