

Organizers

EUROSMART
The Voice of the Smart Card Industry

GLOBALPLATFORM

 **Java Card Forum**

7th edition

e-Smart



conference & demos 2006

September 20-22, 2006 - Sophia Antipolis, French Riviera

Call for papers

Designing the future of Smart Card

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THALES



e-Smart 2006

is part of the Smart Event'06 which encompasses 4 international meetings:

e-Smart, 7th edition, the leading managerial and strategic smart card industry conference (Sept. 20-22)

World e-ID, 3rd edition, conference devoted to the emerging deployment of trusted electronic identities and seamless access to e-services (Sept. 20-22)

Ambient Intelligence Developments, 1st edition, conference dedicated to Ambient Intelligence (Sept. 20-22)

Smart University, 2nd edition, educational program in Smart Card and ID, designed and delivered by high level academics (Sept. 19-20)

The "e-Smart" Scientific Committee is inviting proposals for presentations from issuers, operators, manufacturers, editors, academics, researchers, standardisation bodies, professional institutions, end-users, consultants, analysts, lawyers...

e-Smart speakers are regarded as top influential professionals that enjoy the opportunity to share visions, see new perspectives, develop and extend professional peer to peer contacts and networks. They also enjoy the prestige of attending the leading smart card industry conference.

More than 550 high level professionals involved in smart cards, ID and Aml are expected in Sophia Antipolis from September 19 up to September 22, 2006.



Scientific Committee

Oberthur Card Systems	Eric	Alzai
Globalplatform	Gil	Bernabeu
Gemplus	Marc	Chancerel
Gsm Association	Sergio	Cozzolino
Giesecke & Devrient	Wolfgang	Effing
Java Card Forum	Christian	Goire
Multimedia Card Association	Juergen	Hammerschmitt
New Media Development Association	Akio	Kokubu
University Of Malaga	Antonio	Mana
Eurosmart	Clotilde	Servajean
St Microelectronics	Jean-Paul	Thomasson
Smart Card Forum China	Frank	Xu

Topics

Submissions through a broad range of smart card evolution phases are encouraged and may address one or more of the mentioned topics or others you believe to be of great interest for the audience.



2006 Isabelle Attali award

In 2005, "e-Smart" initiated an award dedicated to the memory of Isabelle Attali, who was one of the researchers that launched the Java Card Workshop (1st edition of "e-Smart" in 2000). Isabelle was also the program chair of the second edition of "e-Smart".

The award honors the **most innovative work** presented during the "e-Smart" conference. The award ceremony will take place during the conference.

Selection Committee:

Richard Bricaire (Strategies Telecoms & Multimedia), Christian Goire (Java Card Forum), Marieke Huisman (Inria), Pierre Paradinas (CNAM), Jean-Jacques Quisquater (UCL University of Louvain)

Isabelle Attali Award 2005 was given to:

Prof. Serge Chaumette, LaBRI, University of Bordeaux, and his team for his work: "A Grid of Java Cards to Deal with Security Demanding Applications Domains"

Java 3.0 : New Opportunities:

The issuing of Java 3.0 in 2006 will open wide the door to many new opportunities for developers and innovating players . We welcome presentations related to most aspects of the new standard and in particular applications in the following domains: DRM and content protection, contactless, biometry, security...

Terminals & devices:

The world of card acceptance devices is quickly developing, fostered by 3 main domains:

- e- Government with devices relying on biometry technologies, and
- globalisation of EMV
- secure mobile environment for mobile finance services

The contributions are expected to cover these domains by providing new insight on their 2006 issues and solutions.

Cooperative projects:

Partnership and cooperation are the key words of success in Smart Card Innovation. We encourage all contributions that present cooperative projects and their results at any level (international, european, national and/or academic).

Operating systems for secure devices:

Now more than ever smart cards need true underlying OS to support concurrent applications and their management. This session will cover the requirements for these OS and the different solutions brought to the market by the industry.

Mobile telecommunications (sim/usims):

The main SC market is moving very fast and its technologies are raising new hot issues and topics to cover like :

- Higher I/O speed interface between the UICC and the handset
- Implementation of contactless interface to enlarge the number of applications available on the UICC (Transport payment, proximity transactions,...)
- How will the operators take advantage of the availability of bigger memory size (128MB) UICC's ?

— Starting from the assumption that many features are available in terms of specs in the smart card environment how can Operators cooperate to achieve the same availability on the handset side to get a full interoperability?

— Flash memory vs. chip technology or integrated solutions.

Security:

The various recent and new governmental regulations concerning security make necessary for "e- Smart" to present a wide state of the art in every domain related to smart card security and in particular the following domains:

— International regulations and mutual recognition:

— status on the existing and emerging regulation aspects in the EU but also in other parts of the world concerning systems and products security

— Methodology & evaluation techniques:

— to review the new potential attacks on smartcard security mechanisms. Are those new attacks pertinent or are they just the result of pure imagination by scientists or hackers? Can they be used by real pirates?

— to debate on system security composition: how various security mechanisms can interact in a system ? Is it possible to design and use a system that presents vulnerabilities as a result of cost constraints (for implementing new security mechanisms), complexity of testing or even legislative and market constraints? What is the impact of security evaluations and certifications on the products and applications life cycle ? How does it fit with technology rapid changes ?

— to review the methodologies used to prove security (evaluation methodologies) and to certify the products and systems

— Implementation:

— cooperative security in implementation and issuance: how the operators and all the actors in the value chain will cooperate in order to implement and prove the relevant security features in order to protect all necessary assets for all kind of commercial transactions including digital rights protection, privacy protection using the new generation of mobile communication ?

— products & applications life cycle management

■ Mass Storage cards... ■ Applications and markets ■ Emerging technologies ■ Contactless RFID

Topics



Instructions for authors

The submitted presentation(s), incorporating a clear and precise title should be between 300-500 words and limited to an A4 page format. It should include the name, function, address, phone, e-mail, and affiliation of all the author(s) of the presentation together with a short description of the author(s) 'expertise. In case of multiple authors, only 1 person is allowed to present. The name of the speaking person should be mentioned.

Submitted papers should be original ones, not previously published elsewhere, publicly presented or submitted in parallel to any other event. They should be informative, impartial.

The Scientific Committee will review all submissions but will reject any commercial oriented ones.

Submission procedure

Authors are invited to send their proposals electronically in PDF format to Lénick Perron – lperron@strategiestm.com

If authors do not receive acknowledgment within 72 hours, they are kindly invited to contact directly Lénick Perron –Strategies Telecoms & Multimedia - lperron@strategiestm.com

- Phone 33 1 48 59 99 32 - Fax 33 1 70 07 05 05

Deadline

for abstract submission is March 10th, 2006

Decisions and Presentation

Notification of acceptance or rejection will be sent to authors on April 28th, 2006.

Authors of accepted papers commit themselves to address the comments from the Scientific Committee and to present their paper at the conference. In case of personal impediment, a substitute speaker should be appointed.

Conference Proceedings will be published and will be available at the conference. Clear instructions about the preparation of a final proceedings version will be sent to the authors of accepted papers.

Additional Information

The organizers commit themselves not to diffuse the presentations before the conference.

The organizers will ask the speaking person for a moderate contribution to costs of 150€ (1 day) or 300€ (full event). Speaker's travel and accommodation expenses are not covered by the organizers. Non speaking authors will also benefit from preferential registration rates

Other important dates

Official Program: May 19th

Complete Presentation: July 31st

This Call for Papers is available on

www.strategiestm.com/events/se/call_esmart06.htm

Implementation:



www.strategiestm.com