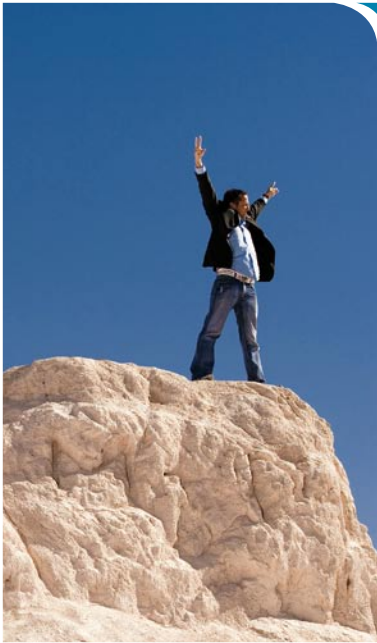




AWARD WINNERS 2009



2 0 0 9 S I M a g i n e a w a r d s c e r e m o n y



SIMagine is the annual worldwide Mobile Communication & Java Card Developer Contest - stimulating innovation around SIM-based services for the wireless future. Launched in 2000, SIMagine brings together the talents of students, developers, and young professionals around the world to find creative applications for tomorrow's mobile services.

In total, over 1,600 contestants from all 5 continents and 35 countries have been spreading the Java SIM message through trainings in Africa, Asia, Europe and the Americas. The issues have included messaging, location-based services, advertising, gaming, mobile commerce and order management. The winners have received over 600,000 euros in prize money, plus business tours to Australia, Singapore, USA, Korea, and Mexico.

This 10th edition sees an evolution in the scale of innovation in applications, and worldwide participation. It is themed around two new technologies where the SIM card enables highly innovative services: Near Field Communication (NFC) and the Smart Card Web Server (SCWS).

Thanks to our main sponsors Samsung and Sun Microsystems, and our partners Orange, Telefonica, Inside Contactless and TIM - SIMagine 2009 offers prizes totaling 62,000 euros.

Greece

P R O F E S S I O N A L



Yiannis
Hatzopoulos



S.E.S.

<http://users.otenet.gr/~yhatzopo/SES.html>

PROJECT NAME: **KONNEXSIM**

KonnexSim is a connectivity middleware between open standard power-line communication stacks and SIM cards. Powerline communications allow electronic devices to transmit and receive data over shared powerlines, using mains wires both as power source and information gates. The associated technologies are endorsed by international component manufacturers, as well as by major white-goods manufacturers. Powerline communications are gaining ground in Europe and the USA - notably in building renovation markets, upgrading casual residential or commercial buildings into smart ones.

Our platform creates an open-standard link between a low-end cell phone to a Linux miniature gateway, allowing the phone to broadcast data on the powerline net. This in turn, grants control to any powerline connected device in a building (heating, lights, aircon, cameras, shutters, alarms, presence or smoke detectors etc.), turning the mobile phone into the control hub of the system - both locally (Bluetooth) as well as remotely through SMS/Internet ports.

France

PROFESSIONAL



Laurent
Chivallier



Thierry
Herve

PROJECT NAME: APiCARDIO

The application is an abstract of the APiLINX application prototype already running on the iPhone. The goal of the application is to monitor patients anytime, anywhere with regards to physiological parameters needed to prevent Cardiac heart failures, diabetes side effects and obesity.

The demonstration is organized in three major parts:

1. Monitor Physiological parameters thanks to a Bio Sensor prototype in a SECURED way. This is NFC enabled in order to authenticate the Sensor with the SIM card. The application will be launched from the SIM thanks to the SWP connection between the NFC module and the SIM. A dedicated user interface (UI) and specific message will be activated to acknowledge pairing between the -sensor and the SIM IMSI.
2. Retrieve the personal data (e.g. heart rate) in real time and send it to a remote web server.
3. Present the patient. The JAVA application located securely in the SIM will be activated to present the information in a dedicated UI in the form of graphs. The application will be presented on the PC (using Windows) and on the NFC enabled phone in a dedicated UI.

The goal is to demonstrate how the combination of secure NFC and SIM card technologies can enable new added value services dedicated to healthcare. The service is activated in and from the SIM card, so it can be easily deployed by mobile operators as well as specialized service providers.

Sweden

PROJECT NAME: **BioXpress**

PROFESSIONAL



**Jonas
Andersson**



**Oscar
Fogelberg**



**Fredrik
Clementson**

The Project shows an air-travel scenario enhanced by fingerprint biometrics. The solution will entail but is not necessarily limited to:

- > Remote, web-based registration and ticket purchase,
- > OTA provisioning of fingerprint templates and ticket (registration from personal workstation/PC with any fingerprint sensor (eg. Laptop with integrated swipe)
- > NFC based baggage tag print out
- > Semi-automatic baggage drop
- > Improved security check procedure
- > Streamlined gate management

The solution relies on the following technologies: NFC, SCWS, OTA and fingerprint Match-On-Card verification. The solution will also consist of a web application relying on HTML, ActiveX and PHP.



Precise Biometrics AB
www.precisebiometrics.com



Russia



PROJECT NAME: **Web gate**



Dmitry Namiot

Web gate offers mobile web developers the tools to use data from smart cards accessible via Smart Card Web Server (SCWS). This toolbox implements a bridge between the mobile internet and SCWS. Mobile web developers can use web controls with the functionality currently implemented in SCWS.

For example, the web control Make Call now deploys an SCWS servlet for placing the call via a smart card applet. Web gate introduces such a set of “standard” smart card objects accessible right from the mobile web. Another option is web form-filling by the data saved on the smart cards. For example, a web form could be auto filled (pre-filled) with data accessible via a SCWS servlet and saved on the user’s smart card.

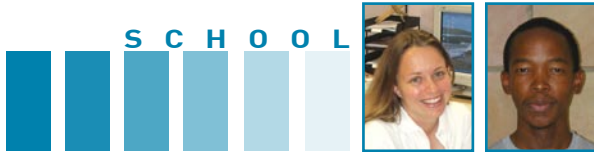
So with Web gate, SCWS becomes the natural fit (or add-on) for mobile internet development.

Web gate itself is implemented as a custom JSP taglib, so it is a familiar tool for web developers and its usage seriously simplifies smart card deployment in web projects.



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South Africa



**Dr Hannah
Thinyane**

**Mamello
Thinyane**

PROJECT NAME: iCanSee

The visually impaired community has little choice when it comes to choosing a mobile phone that supports enough modifications to the screen layout and font size to make text based communication tools such as phone books, SMS and MMS messaging, and email usable. Most phones support skinning to some extent, but this still does not provide enough options to make text based communication tools usable for a large portion of the visual impaired community. Instead, iCanSee provides a web-based front end to these four communication tools and uses CSS to allow the interfaces to be easily altered to suit the needs of the user.

iCanSee is a Smart Card Web Server (SCWS) based application, developed particularly for the visually impaired community. It provides a web-based front end to the four most frequently used text-based communication tools on a mobile phone: the phone book; SMS; MMS; and email. iCanSee allows users to create their own CSS profiles, supporting changes to: background and foreground colour (for contrast); font size; and font colour. As it is stored on the SIM rather than the handset itself, when the user upgrades to a new mobile phone handset, all their settings are transferred along with other personal information such as their address book.

Austria

PROJECT NAME: **SIMail**



**Dominik
Brandlberger**



**Gerald
Madlmayr**

Groupware Business Communicator is a device independent tool to administrate your business tasks, like, mails or calendar. Because of running directly on the SIM card your Communicator is always on. Our "Push-mail" or "Exchange" functionality thus does not depend on the mobile device, but on your SIM card. Thus if you put the SIM into a new device, it is automatically eg. "Push-Mail" enabled.

As the SIM card is provided and managed by the MNOs (Mobile Network Operator) this tool is a new service opportunity for them. Whereas Business Services are currently used only by Companies (as the devices are expensive), the SCWS based solutions is for the mass market. You can mange different email services providers and other things like our address book or task list. The MNO on the one hand as a benefit thru the data transfer consumed as well as the application on the SIM. More and more user will like to use this service also for their private email, as it is easy to use and runs on any handset.



Upper Austria University of Applied
Science
www.fh-ooe.at

France

S C H O O L



**Hassen
Aziza**



**Victor
Benarbia**



**Israel
Hinostroza**

Polytech'Marseille dpt MT
Microelectronics & telecommunications
[http://www.polytech-marseille.fr/
index.php](http://www.polytech-marseille.fr/index.php)

Polytech'Marseille

PROJECT NAME: **TaggyNet**

TaggyNet introduces new ways to exchange information and to be in touch for on-line community members (Facebook.com, MySpace.com...). The fundamental contribution of this application is to bring two new features into social networks: an advertising service and a location based service. To launch these services a link between mobile phone operators and on-line communities is setup.

Many public sites, stores, restaurants and hotels will have a tag waiting to be "tagged". Since tags represent free publicity posted by the business owner, the network of tags is expected to mature.

By using this network of tags, each community member will be able to share his feelings about a specific place as a customer or to notify his position. As a result, indirect advertising will be generated for the whole community.

The mobile phone will become a powerful tool to share consumer and traveller experiences and mobile operators will play a central role in the advertising chain comprising businesses, mobile operators and online communities.

Spain

S C H O O L



**Florina
Almenárez
Mendoza**



**Abel Pérez
San Julián**



**Paola
García
García**



Universidad
Carlos III de Madrid

University Carlos III of Madrid
(UC3M)

<http://www.uc3m.es>

PROJECT NAME: SSA (SIM Single Authenticator)

SIM Single Authenticator (SSA) offers automatic authentication, reducing the time spent by the user to check all her accounts in different web-based services. With SSA, once the user's credentials (e.g. username and password) to access these web sites are introduced, they will keep securely stored in the SIM and can be used by the SIM application to obtain the required authentication tokens. Such tokens are provided on behalf of the user to the web sites for getting all the relevant information and will show a summary (e.g. all new messages, new events in the social network, etc.) as a «mashup» or web application. The user could access the original web site just clicking in the links in order to obtain further information, without introducing her credentials (e.g. for reading a full email).

SSA provides a solution to the management of credentials and fast checking of several events in different services in a secure way, making use of smart card web server technology. The prototype developed is based on two popular Google's services, Gmail and Orkut.



Awards

February 17, 2009

During the Ceremony the
8 following awards
will be given

- > Gold Award
- > Silver Award
- > Bronze Award
- > Orange Award
- > Inside Contactless Award
- > Telefonica Award
- > TIM Award
- > Innovation Award



<http://www.gemalto.com/simagine/>



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