



FIRST WORKSHOP OF MOBILE APPLICATIONS, SECURE  
ELEMENTS AND NEAR FIELD COMMUNICATION

# MOBISecNFC 2014

FEBRUARY 21 – 22, 2014

UNIVERSITY OF FLORIDA, GAINESVILLE, FLORIDA

## CALL FOR PAPERS

### Workshop Organizers: Selwyn Piramuthu and Pascal Urien

The goal of the "Workshop on Mobile Applications Secure Elements and Near Field Communication" is to explore the challenges, issues and opportunities both for academic researchers and industrial innovators. We are looking both for research papers on new applications and presentations of deployment experiments or new business opportunities. NFC technology enables communication in close proximity within a few centimeters. Today, one million NFC smartphones are sold every week. With NFC mobiles surfacing the market so quickly, mobile operating systems are prepared for support with dedicated frameworks. This offers researchers and developers a great opportunity for getting quick traction with novel applications. So far, the main NFC-enabled services deal with payment, access control, or ticketing. Commercial applications today mainly target contactless payments, i.e. eWallets or eTickets managed by transportation companies. The broad availability of NFC-technology fertilizes research and development of novel applications and can go well beyond these intended applications. This workshop aims to bring researchers and industrial experts together to discuss the latest frontiers of NFC-technology and also novel applications that have not been thought of beforehand.

The workshop welcomes contributions addressing (but not limited to) the following topics:

- NFC security; New protocols for NFC security: Relay attacks and countermeasures; secure transactions.
- Secure Elements for NFC SIM frameworks; SecureSD platforms; NFC controllers with secure elements; Single wire protocol (SWP); Trusted Service Manager (TSM); Secure over the air (OTA) services;
- New secure architectures; Trusted Execution Environment (TEE). New services and business perspectives  
New payments applications; NFC for access control; automotive industry perspectives; applications for the consumer industry; applications for smart cities; Internet Of Things (IoT) new perspectives;
- NFC integration to Social Networks. Deployment experiments and testing Payments, transport, ticketing, access control, couponing, macro localization (Tags).

## PROGRAM COMMITTEE CO-CHAIRS

Damien Sauveron, Limoges University, France  
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Wei Zhou, ESCP Europe, Paris, France

### Venue :

The conference will take place at the University of Florida, Gainesville, FL

#### IMPORTANT DATES

Paper submission :  
**December 31, 2013**

Notification to authors :  
**January 31, 2014**

Camera-ready copies  
**February 15, 2014**