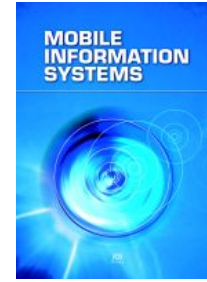


***Security and Applications  
of  
Networked Smart Devices***

**Impact Factor (2009) : 0.972**



Over the last 10 years with the appearance of advanced personal computing devices like mobile phones, PDAs, NFC, RFID, smart card tokens, sensor nodes, information became more mobile and ubiquitous. These characteristics are very closely linked with the portability, mobility and pervasiveness requirements of these devices which are mainly fulfilled through their wireless communication capabilities.

Their different form factors along with advances in power saving capabilities and a plethora of user friendly interfaces and platforms have opened the way to new exciting ambient intelligent applications (geo-services, mobile social network, etc.). However, the security of the underlying platform, information stored or exchanged between these devices and the actual overall communication and application capabilities should be considered of paramount importance.

This Special Issue will particular pay attention to theoretical and/or practical security solutions (architecture, frameworks, protocols, methodologies, etc.) proposed for Networked Smart Devices ranging from hardware to applications level. Therefore, we will welcome contributions from the academic, industrial, research and development communities that can demonstrate particular advances into the aforementioned proposals and technologies.

**Topics**

Areas of interest for this special issue include (but not limited) the following topics:

- **Networked Smart Devices:** Mobile phones, Personal Assistant Devices (PDAs), Radio Frequency Identification Devices (RFIDs), Near-Field-Communication (NFC), portable computing devices, contact and contactless smart card, wireless sensor nodes (WSN), trusted platform modules (TPMs).
- **Smart Devices Applications:** Biometrics, national ID and passports, health care, pay tv, physical and logical access control, Internet of things, public transport, mobile communications, m-services, Machine to Machine (M2M), new applications.
- **Smart Devices Networks:** Mobile Ad Hoc Networks, Wireless mesh Networks, 3G/4G Mobile Cellular Systems, Delay-Tolerant Networks, Domestic Networks, Sensor Networks, Vehicular Networks

**Paper Submission & Review Guidelines**

Papers must be clearly organised in English and present original research and/or development material. The papers should conform according to the layout and format guidelines as presented in the "Instructions to Authors" in [http://www.iospress.nl/html/1574017x\\_ita.html](http://www.iospress.nl/html/1574017x_ita.html). Only original and unpublished papers that are not currently under submission/review by other conferences or journals should be considered. Each submitted paper will be reviewed by at least two editorial reviewers. Upon notification of acceptance (for high quality papers requiring moderate modifications) there will be another round of review in order to ensure that

reviewer comments are taken into consideration.

Evaluation and Review Criteria:

- Relevance of the paper to the topics of this special issue.
- Overall recommendation, through the review process, of the paper.
- Optional confidential comments to the Editorial Committee.
- Overall technical, organisational quality and clarity of the presented material.

**Tentative Schedule**

1. Manuscript Due: August 1st, 2011
2. First Round of Reviews: November 1st, 2011
3. Publication Date: February 1st, 2012

**Contact**

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