CALL FOR PAPERS

◆IEEE
AUSTRIA SECTION

3rd International Workshop on Near Field Communication – NFC 2011
February 22nd, 2011, Austria

(c) M. Frühmann

Conference Scope:

NFC 2011 is the third international research workshop with focus on Near Field Communication (NFC). This conference covers the entire technological area, beginning from RF and hardware, smartcards approach, security, applications and services, business processes, up to usability and user experience. NFC 2011 is ideal for addressing the challenges facing multidisciplinary research, development, design, proof of concepts, pilot projects, deployment and fundamental limits of the NFC technology.

Topics include but are not limited to:

- **RF and hardware related topics:**
  High-speed interfaces; Modulation techniques; Circuits and antenna design; Power aware design; Modelling and simulation; NFC tests & measurements; Protocol analysis and verification methods; Physical interfaces & architectures; Interoperability between NFC devices, tags and smartcards; RF systems-on-chip designs

- **Smartcards / SIM cards / Security:**
  Single Wire Protocol (SWP); Global Platform; Multiapplications; Secure and multi-secure elements; Secure over the air (OTA) services; Security solutions for readers and terminals; System security solutions

- **Software platforms for NFC development:**
  Multi-mode multi application platforms (SIM centric or not); Solutions with NFC add-ons and NFC stickers, robust software architectures; Smartphones and NFC for location based information services, NFC and augmented reality platforms, NFC m-payment and m-transfer architecture, Interaction systems in ubiquitous information systems; Interoperability between NFC applications and services

- **New applications and services:**
  Mobile 2.0 and NFC (NFC and Facebook, Twitter…); NFC applications for consumers and citizens; Mobile value added services (VAS) using NFC; Managing NFC ecosystems; NFC's place in the optimization of business processes; Integration of NFC into "Internet Of Things" (IOT); Street and POS marketing with NFC; NFC services in education

- **Pilot projects, usability and user experience**
  NFC applications for social and elderly care; NFC and city life; Wellness; Homecare; Business usage & leisure activities; User interaction models for NFC applications; Acceptance of NFC devices and services; Field trials and pilots; Smart touch; Secure NFC ecosystem; Virtual ticketing and couponing with NFC, fidelization NFC cards; NFC and digital cities, airports, homes; Human Interfaces for NFC applications

Important dates and deadlines:

- 1st call for paper: July 1st, 2010
- Submission deadline: October 15th, 2010
- Author notification: November 12th, 2010
- Final paper submission: November 25th, 2010
- Workshop date: February 22nd, 2010

Submission guidelines:

Authors are invited to submit research and application papers in IEEE Proceedings Manuscripts style (two columns, single-spaced, including figures and references, using 10pt fonts). The papers must not have more than 6 pages. Please use ONLY the following templates (for LaTeX or MS Word):
- LaTeX styles and example
- MS Word template

We appreciate the submission of academic workshop papers representing original, previously unpublished work. Submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of exposition. Duplicate submissions are not allowed. Therefore, submissions of work either submitted to, or already accepted or published in any other conferences/workshops/journals are rejected without reviews.

Registration:

The contact author must provide the following information: paper title, authors' names, affiliation, postal address, phone, fax, and e-mail address of the author(s), an abstract with about 200-250 words and about five keywords.

Submission of a paper implies that if the paper will be accepted, at least one of the authors must register for the workshop to present the paper. Otherwise the submitted paper will not be published. Authors of accepted papers will receive guidelines in preparing and submitting the final manuscript together with the notification of acceptance.

For more information please follow this link to the workshop's website:
http://www.nfc-research.at/nfc2011/

Organization committee:
- Josef Langer, Stefan Grünberger, Christian Saminger, Michael Roland (Austria)
- Tuomo Tuikka (Finland)
- Florian Michahelles (Switzerland)
- Serge Miranda (France)