

CALL FOR PAPERS

2nd International workshop on Near Field Communication – NFC 2010
20th April 2010, Monaco



© DTC (DIRECTION DU TOURISME ET DES CONGRÈS DE LA PRINCIPAUTÉ DE MONACO)

Conference Scope:

NFC 2010 is the second 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 2010 is ideal for addressing the challenges facing the research, development, design, manufacture, deployment and fundamental limits of 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
- **Applications and services:**
NFC applications for consumers; Mobile value added services (VAS) using NFC; commercial NFC services; managing NFC ecosystems; NFC's place in the optimization of business processes; NFC applications for social and elderly care; NFC in ubiquitous environments; Integration of NFC into "internet of things" (IOT)
- **Usability and user experience:**
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

Important dates and deadlines:

- 1st call for paper: 29th June 2009
- Submission deadline: 30th November 2009
- Author Notification: 13th January 2010
- Workshop date: 20th April 2010

Submission guidelines:

Authors are invited to submit research and application papers in Conference Publishing Services (CPS) Proceedings Manuscripts style (two columns, single-spaced, including figures and references, using 10pt fonts, and number each page). Please consult the CS Author Guidelines at the following web page:

<http://www2.computer.org/portal/web/cscps/formatting>

We solicit the submission of academic workshop papers (6 pages) 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 submission neither submitted to, nor 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/nfc2010/>

Organisation committee: Josef Langer (Austria), Tuomo Tuikka (Finland), Florian Michahelles (Switzerland)