Welcome to the 4th International Research Workshop on Near Field Communication – NFC 2012.

NFC has emerged from research ideas to standardization to products and infrastructures.

The year 2010 was a turning point for NFC, as it became one of the most promising technologies for services and devices. In 2011, the promise of smart mobile phones with NFC became a reality, pushing NFC into consumer consciousness. Infrastructures, the other side needed for reasonable services, are gradually being put into place in many countries. Earlier research ideas are sure to become services or necessary parts of new ecosystems. For instance, a crucial part of the success of NFC enabled systems is the user acceptance of service. In addition to that, NFC enables more than the generally envisioned uses of services.

NFC 2012 has been reviewed with scientific rigour, producing a set of interesting research papers for the proceedings. The domains of hardware, security, and applications are relevant and well represented. This year, the steering committee decided to invite one paper on novel user interfaces, giving insight to NFC’s opportunities as a user interface.

At NFC 2012, individual and personal connections between NFC researchers will update everyone on this dynamic and fast moving domain. Please, enjoy the event and let’s create the future together.

Yours,
Tuomo Tuikka
Josef Langer
Florian Michahelles
Witold Jacak
Serge Miranda