



CALL FOR PAPERS

The *Second* International Workshop on RFID Technology Concepts, Applications, Challenges

June 12-13, 2008

Barcelona, Spain

<http://www.iceis.org/workshops/iwrt/iwrt2008-cfp.html>

Radio Frequency Identification (RFID) is a wireless communication technology that uses radio-frequency waves to transfer information between tagged objects and readers without line of sight. This creates tremendous opportunities for linking various objects from real world. These objects are numbered, identified, catalogued, and tracked. In recent years, RFID has gained a significant momentum and is emerging as an important technology for revolutionizing a wide range of applications including supply chain management, aircraft maintenance, anti-counterfeiting, baggage handling, etc. In addition, RFID technology also offers a viable approach to implement physical user interfaces. The services available in the local environment are advertised by RFID tags. The users browse the services and activate the desired service by simply touching the corresponding tag with a mobile terminal that is equipped with an RFID reader.

While RFID provides promising benefits such as inventory visibility and business process automation, some significant challenges need to be overcome before these benefits can be realized. One important issue is how to process and manage RFID data, which is typically in large volume, noisy and unreliable, time-dependent, dynamically changing, and of varying ownership. Another issue is how to seamlessly integrate low-level RFID data into (existing) enterprise information infrastructures (e.g., upper-level business processes). Finally, given the ability of inexpensively tagging and thus monitoring a large number of items and/or people, RFID raises some serious security and privacy concerns.

The workshop's objective is to provide a forum for researchers, practitioners, and users to exchange new ideas, developments, and experience on issues related to this emerging field. The following non-restrictive list is given to illustrate topics of particular interest for this conference:

- Data management issues in RFID applications
- Innovative RFID-enabled applications
- Security/privacy and RFID
- RFID and sensor networks
- Web services and RFID
- RFID and semantic Web
- RFID standards
- RFID case studies
- RFID middleware
- RFID and physical user interfaces
- Commercial experience with RFID
- RFID network management
- COTS and Open Source RFID infrastructure
- Integration of RFID with other applications
- Performance evaluation
- Business process redesign and RFID

SUBMISSION OF PAPERS

All papers must be written in English. There will be two types of papers: long (approx. 5000 words) and short (approx. 2000 words). Papers should be prepared in postscript, PDF, or Word and should be submitted through ICEIS web-based paper submission system.

PUBLICATION

The proceedings of the workshop will be published in the form of a book by INSTICC Press and indexed in DBLP. We plan to publish selected best papers of IWRT'08 in an edited book or a Special Issue of a leading international journal. The selected papers from IWRT07 have been published as a special issue in the International Journal of Internet Protocol Technology, Vol 2 (3-4).

IMPORTANT DATES

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| Paper submission | Mar 3rd, 2008 |
| Paper notification | Apr 7th, 2008 |
| Final version & registration | Apr 17th, 2008 |

PROGRAM CHAIRS

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WORKSHOP VENUE

IWRT'08 will be held in conjunction of the 10th Intl. Conf. on Enterprise Information Systems (ICEIS'08) in Barcelona, Spain.

REGISTRATION INFORMATION

At least one author of an accepted paper must register for the workshop.

SECRETARIAT

ICEIS08 Secretariat - The Second International Workshop on RFID Technology (IWRT08).

E-mail: workshops@iceis.org
Web site: <http://www.iceis.org>