



# The *First* International Workshop on RFID Technology Concepts, Applications, Challenges

June 12th, 2007

Funchal, Madeira – Portugal

<http://www.iceis.org/workshops/iwrt/iwrt2007-cfp.html>

## CALL FOR PAPERS

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.

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
- Next generation RFID technologies
- 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.

## FORMAT OF WORKSHOP

The workshop will consist of oral presentations. The proceedings of the workshop will be published in the form of a book by INSTICC Press and indexed in DBLP.

## JOURNAL PUBLICATION

Best papers of the workshop will be considered for publication in a Special issue of International Journal of Internet Protocol Technology (IJIPT).

## IMPORTANT DATES

Paper submission **Mar 5th, 2007**  
Paper notification **Apr 3rd, 2007**  
Final version & registration **Apr 16th, 2007**

## PROGRAM CHAIRS

Michael Sheng (The Uni. of Adelaide, Australia)  
Zakaria Maamar (Zayed Uni., U.A.E)  
Mark Cameron (CSIRO ICT Center, Australia)

## PROGRAM COMMITTEE

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Agnes Voisard (Fraunhofer ISST, Germany)  
Fusheng Wang (Siemens Corporate Research, USA)  
Eiko Yoneki (Uni. of Cambridge, UK)

## WORKSHOP VENUE

The workshop will be held in conjunction of the 9th International Conference on Enterprise Information Systems (ICEIS'07) in Funchal, Madeira, Portugal.

## REGISTRATION INFORMATION

At least one author of an accepted paper must register for the workshop.  
The registration information can be found from <http://www.iceis.org>

## SECRETARIAT

ICEIS 2007 Secretariat - The First International Workshop on RFID Technology (IWRT 2007).

E-mail: [workshops@iceis.org](mailto:workshops@iceis.org)

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