

## CALL FOR PAPERS

The 3<sup>rd</sup> Ubiquitous Web Systems and Intelligence (UWSI'2007) Workshop  
<http://homepage.cs.latrobe.edu.au/ekpardede/uwsi2007/>

in conjunction with  
The 18th International Conference on Database and Expert Systems Applications  
(DEXA'2007)  
<http://www.dexa.org/>

Regensburg, Germany, 7 – 9 September 2007



### WORKSHOP DESCRIPTION

Ubiquitous Web Systems and Intelligence represents a vision of the future whereby information access and discovery is available everywhere. It integrates concepts of ubiquitous and pervasive computing, web computing, and intelligent systems, whereby people are able to access information from various sources using ubiquitous devices. These information may also be in a form of knowledge discovered by the system. All of these are realized through the use of ambient intelligence in which humans are surrounded by an environment which is sensitive and responsive to them.

### TOPICS OF INTEREST

- [1] Ubiquitous and Mobile Computing
  - Mobile Information Systems
  - Ubiquitous Web Access
  - Location Aware and Location Dependent
  - Web-Based Cooperative Work
  - Wireless Web Intelligence
  - Mobile User-Interface Design
  - Languages and Tools for Mobile Applications
  - Emerging Technology (Grid, P2P, Pervasive, Embedded Computing)
- [2] Web Information Systems Management, Access and Discovery
  - Web Databases, Web Warehousing, and Web OLAP
  - Heterogenous Databases
  - Data Models for the Web
  - Web Software Lify Cycle
  - Personalized Information Management
  - Metadata
  - Data Mining and Knowledge Discovery
  - Web Mining and Farming
  - Mobile Data Mining
  - Multimodal Information Retrieval
  - Ontology-Based Information Retrieval
- [3] Web Knowledge and Intelligence
  - Ontology Engineering
  - Semantic Web
  - Visualization of Information and Knowledge
  - Web-Based Decision Support
  - Web Intelligence
  - Web Agents
  - Ambient Intelligence
  - Information Filtering and Recommender Systems
  - Navigation Guides
  - Web Intelligence Development Tools
- [4] Web Business
  - Business Intelligence
  - E-Commerce and E-Business
  - M-Commerce
  - Web Services and Grid Services
  - Web Marketing and Merchandising
  - Web Auctions
- [5] Human-Web Interaction
  - Adaptive Web Interfaces
  - Multimedia Data Processing and Representation
  - Mobile Multimedia
  - Mobile Web Design

### IMPORTANT DATES

Deadline for Online Paper Submission: ~~28 March 2007~~ 23 April 2007  
Notification of Acceptance: 28 May 2007  
Camera Ready Papers and Pre-registration: 28 June 2007

## SUBMISSION AND PROCEEDINGS

Accepted papers will appear in the conference proceedings to be published by IEEE Computer Society. For initial submissions, authors are strongly encouraged to use IEEE manuscript submission guidelines at <http://computer.org/cspress/instruct.htm>

We invite you to submit a draft of the paper of up to 5 pages in an IEEE Computer Society. P Please submit your paper as an email attachment before the deadline to [E.Pardede@latrobe.edu.au](mailto:E.Pardede@latrobe.edu.au). We will confirm the receipt of the paper within 48 hours. If you have not received the confirmation, please send email for enquiry.

## JOURNAL SPECIAL ISSUES

Selected papers will be invited to be extended for a publication in a UWSI2007 special issue of the following journal

1. Intl. Journal of Web Information Systems (<http://www.troubador.co.uk/ijwis/>)
2. Intl. Journal of Web and Grid Services (<https://www.inderscience.com/browse/index.php?journalID=47>)

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