

CALL FOR PAPERS

Ubiquitous Web Systems and Intelligence (UWSI'2005) Workshop
<http://uws2005.cs.latrobe.edu.au>

in conjunction with
International Conference on Computational Science and its Applications
(ICCSA'2005)
<http://www.iccsa.org/>

Singapore, 9-12 May 2005



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 Life 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: 10 December 2004
Notification of Acceptance: 10 January 2005
Camera Ready Papers and Pre-registration: 10 February 2005

SUBMISSION AND PROCEEDINGS

Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers submitted to this workshop will undergo a peer-review process.

Accepted papers will appear in the conference proceedings to be published by Springer-Verlag as part of their Lecture Notes in Computer Science (LNCS) series. For initial submissions, authors are strongly encouraged to use Springer's manuscript submission guidelines at <http://www.springer.de/comp/lncs/authors.html>.

We invite you to submit a draft of the paper of up to 10 pages in an LNCS format. Submission is done through the following website: <http://uwsf2005.cs.latrobe.edu.au/openconf>.

JOURNAL SPECIAL ISSUES

Selected papers will be invited to be extended for a publication in a UWSF2005 special issue of the following journals:

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|---|---|
| [1] Intl. Journal of Business Intelligence and Data Mining, Inderscience
(https://www.inderscience.com/browse/index.php?journalID=143) | [5] Journal of Mobile Multimedia, Rinton Press
(http://www.rintonpress.com/journals/jmm/index.html) |
| [2] Intl. Journal of Data Warehousing and Mining, Idea Group
(http://www.idea-group.com/journals/details.asp?id=4291) | [6] Journal of Mobile Multimedia, Rinton Press
(http://www.rintonpress.com/journals/jmm/index.html) |
| [3] Intl. Journal of Web and Grid Services, Inderscience Publisher
(https://www.inderscience.com/browse/index.php?journalID=47) | [7] Mobile Information Systems, IOS Press
http://www.iospress.nl/html/1574017x.html |
| [4] Intl. Journal of Web Information Systems, Troubador Publisher
(http://www.troubador.co.uk/jjwis/) | |

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