
CALL for PAPERS/POSTERS

3^d International Conference on Web Intelligence, Mining and Semantics (WIMS 2013)

12-14 June, 2013, Madrid, Spain

<http://aida.ii.uam.es/wims13/>

Hosted by:

[Autonomous University of Madrid](http://www.uam.es)

Research Papers

WIMS'13 is intended to foster the dissemination of state-of-the-art research in the area of Web intelligence, Web mining, Web semantics and the fundamental interaction between them.

Authors are invited to submit full papers on all related areas. Papers exploring new directions or areas will receive a thorough and encouraging review. Areas of interest include, but not limited to:

Semantics-driven Information Retrieval

- Expressive Document Models
- Knowledge Extraction for Building Expressive Document Representation
- Matching and Ranking based on Expressive Document Representation
- Infrastructure for Semantics-driven Information Retrieval

Semantic Agent Systems

- Web-based frameworks and environments for semantic agent systems
- Ontology management for agent systems
- Semantic agent systems for collaborations
- Semantic agent systems for social networks, e-Government, e-Health, and enterprise information systems

Semantic Data Search

- Crawling, Storage and Indexing of Semantic Data
- Semantic Data Search and Ranking
- Data Web Search: Search in Multi-Data-Source, Multi-Repository Scenarios
- Dealing with Vague, Incomplete and Dirty Semantic Data
- Infrastructure for Searching Semantic Data on the Web

Interaction Paradigms for Semantic Search

- Natural Language Interfaces
- Keyword-based Query Interfaces
- Hybrid Query Interfaces
- Visualization of Semantic Data

Evaluation of Semantic Search

- Evaluation Methodologies for Semantic Search
- Standard Datasets and Benchmarks for Semantic Search
- Infrastructure for Semantic Search Evaluation

Linked Data Application Architectures

- Crawling, caching and querying Linked Data
- Dataset dynamics and synchronization
- Linked Data mining

User Interfaces for the Web of Data

- Approaches to visualizing and interacting with distributed Web data
- Linked Data browsers and search engines

Web Mining

- Text Mining
- Data Stream Mining
- Multimedia Data Mining
- Web Content Mining
- Web Log and Usage Mining
- Context Sensitive Web Mining
- Web Information Clustering
- Web Page Clustering and Mining

Uncertainty Reasoning

- Fuzzy Semantics
- Ontology Learning and Reasoning
- Paraconsistent Reasoning
- Nature-inspired Models and Semantic Web
- Statistical Reasoning

Ubiquitous Intelligence

- Ubiquitous and Social Computing
- Search in Social Media
- Human Computation and Social Games
- Opinion Mining and Sentiment Analysis
- Social Monetization and Computational Advertising
- Visualising social network data

Semantic Deep Web

- Ontology plug-in search
- Information extraction from the Deep Web
- Semantic Deep Web annotation and indexing
- Deep Web-based ontology

- Semantic Deep Web crawlers
- Semantic Deep Web data fusion
- Semiautomatic ontology generation
- Metrics for quality of ontology
- Similarity measures for ontology alignment

Interaction and Personalization

- Context-aware computing
- Recommender systems
- Human-Web Interaction
- Privacy and trust
- Auto-perception
- Active-service

Intelligent e-Technology and Semantic Web

- Semantics for managing Business data
- Intelligent Enterprise Portals
- Semantics in Digital Libraries
- Semantics driven tutoring systems
- Semantic processing in e-Finance
- Semantic processing in e-Health
- Semantic processing in e-Science
- Semantic processing in e-Government
- e-Community Decentralized Community Communication Techniques
- Web Security, Integrity, Privacy and Trust

Quality of Life Technology for Web Document Access

- Web document access for the physically challenged
- Web document access for the visually challenged
- Web document access for the aurally challenged

Representation techniques for Web-based knowledge

Rule markup languages and systems

Semantic 3D media and content

Scalability vs. expressivity of reasoning on the Web

Cloud computing

Posters

A venue for late-breaking results, ongoing research activities, and speculative or innovative work in progress. This track is intended to provide authors and participants with the ability to connect with each other and to engage in discussions about the work. Posters provide authors with a unique opportunity to draw attention to their work during the conference. Accepted contributions will be published in electronic form and are limited to 2 pages.

Publication

Accepted papers/tutorials/posters will be published by ACM and disseminated through the ACM Digital Library. Selected extended papers presented at WIMS'13 will be invited to appear in a special issues of reputed journals in the field(indexed by ISI-Thomson, SCOPUS, DBLP, and other well known indexes) and also in a book published by Elsevier.

How to submit

The maximum length of

- research paper is at most 12 pages in ACM format
- poster (short) paper is at most 5 pages in ACM format

Please note that the submission format is MS Word or PDF. The papers must be written in English and formatted according to the ACM guidelines. Author instructions and style files can be downloaded at

<http://www.acm.org/sigs/publications/proceedings-templates>

Authors of accepted papers are expected to attend the conference and present their work. Selected extended papers will be invited to appear in a special issues of reputed journals in the field.