



CALL FOR PAPERS

International Workshop "TUMAS-A 2008: Web Intelligence & Intelligent Agent Technology in eLearning"

to be held in conjunction with **the 2008 IEEE/WIC/ACM Joint International Conference on Web Intelligence and Intelligent Agent Technology.**
December 9-12, 2008, University Technology Sydney (Australia)

IMPORTANT DATES

Submission deadline: August 7, 2008 (extended)
Notification of acceptance: September 3, 2008
Camera-ready version: September 30, 2008
Workshop: December 9, 2008

WORKSHOP TOPICS

TUMAS-A 2008 workshop focuses on new research challenges and initiatives in Web Intelligence (WI) and Intelligent Agent Technology (IAT) to support the needs for all in the lifelong learning paradigm. Suggested, but not limited to, workshop topics include:

- Knowledge Community Formation and Support
- Web Mining techniques in standard based inclusive learning settings
- Semantics and Ontology Engineering for intelligent inclusive support
- Intelligent Web Agents for inclusive personalization
- Web Services for interoperability with open standard based learning management systems
- Web Information Filtering and Retrieval in inclusive learning scenarios
- Intelligent Human-Web Interaction: adaptation, usability and accessibility issues
- Personalized Interfaces
- Recommender systems
- Agent-Based Distributed Data Mining, Knowledge Discovery and Sharing
- Learning and Self-Adaptation in Multi-Agent Systems
- Learning User Profiles
- Social and Psychological Issues

The workshop follows on from the previous TUMAS-A 2007 held in conjunction with the UM 2007 conference.

WORKSHOP FORMAT

The workshop is organized as a full-day workshop that combines traditional paper presentations in the morning with interactive discussion following *the Learning Café methodology* in the afternoon. Paper authors are asked to provide a 5-minute presentation where they highlight the open topics from those addressed in the workshop from their experience and research. These key issues will serve as the starting point for the Learning Café discussions.

SUBMISSION INSTRUCTIONS

The length of accepted papers should NOT exceed 4 pages. It is expected to select about 20-25 regular papers for the workshop, provided that they meet the technical quality, relevance, significance, and clarity criteria of the workshop and conference. Papers selected for acceptance by the TUMAS-A Program Committee will also be reviewed by the WI/IAT Workshop Co-Chairs before final acceptance.

PROCEEDINGS

Accepted workshop papers will be published in the **Proceedings of WI-IAT08 Workshops by IEEE Computer Society Press, to be indexed by EI.**

Selected papers at TUMAS-A workshop will also be invited for a **Special Issue in a journal of the field, such as WISE or JoDI.**

Workshop website: <http://adenu.ia.uned.es/workshops/wi-iat08/tumasa08>