

# CALL FOR PAPERS

## Concept Maps

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For educational and workplace settings, the flexible and intelligible access to information is of central importance. It has been shown that relying on visual semantics only may not be enough for sense-making of complex and ill-structured information. A closer adaptation of visualizations to the user's background knowledge and individual interests is often needed. There is also a need for personalized visualization tools, which may be used for the organization and structuring of task-relevant information resources based on individual knowledge. In addition, for visualizing large data sets, it may be more efficient to try out innovative visualization methods, as well as different modes (e.g. auditory / audio-visual mode) of information presentation.

Digital interactive concept maps are suggested as visual interfaces for navigating in digital information repositories, for providing interactive access, and as cognitive tools for organizing and managing information.

We seek original empirical research and application papers that explore the potential of digital concept maps as a bridging technology for the knowledge-based visualization of information in educational and business scenarios.

Contributions should focus on one or more of the following topics:

- The importance of knowledge for sense-making of information visualizations
- Concept map-based visualization of information and knowledge
- Knowledge-based structuring of digital information resources via concept maps
- Knowledge-based organization of information for fostering hypermedia design via concept maps
- Concept maps as visual interfaces to digital information repositories (digital libraries, hypermedia environments, WWW)
- Concept maps as tools for providing knowledge-based access to multimedia documents
- Concept maps as tools for knowledge and information management in business and educational scenarios
- Concept maps as cognitive tools for the personal management of information

### Paper Submissions

- **Submissions due:** 15 December 2005
- **Acceptance notices:** 15 February 2006
- **Final revisions due:** 15 April 2006
- **Publication:** 1 September 2006

Enquiries should be made to all guest editors: Authors should inform the guest editors of their intent to submit before submitting a manuscript. Electronic submissions of manuscripts in PDF or Word (97 or later) are recommended via email to Sigmar-Olaf Tergan ([s.tergan@iwm-kmrc.de](mailto:s.tergan@iwm-kmrc.de)), Tanja Keller ([t.keller@iwm-kmrc.de](mailto:t.keller@iwm-kmrc.de)), and Remo Burkhard ([Remo.Burkhard@unisg.ch](mailto:Remo.Burkhard@unisg.ch)). If manuscripts are submitted in printed form, please send four copies of full articles to either guest editor at:

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