

Invited Session: Web Computing

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More and more the Web does not contain just text documents but also images, audio segments, video clips, animations, graphics, etc. It is natural to expect that, in a near future, we will be able to search the Web not only by its textual, but also by its multimedia content. This poses new challenges on the integration of areas such as databases, information retrieval, parallelism, computer networks and distributed systems.

This session will focus on papers presenting original research on the above goal, covering one or more of the following topics,

- Searching, Querying, Indexing, and Crawling.
- Combinatorial pattern matching in images and audio.
- Searching for multimedia objects.
- Approximate text searching.
- Semantic Web.
- Similarity access methods.
- Answering structural queries.
- Search algorithms for metric spaces.
- Handling semistructured information.
- Mathematical Modeling and Simulation of the Web.
- Distributed Computing Environments.
- Parallelism for high performance servers.
- Performance evaluation.
- Multimedia and Hypermedia.
- Browsers and User Interfaces.
- Applications
- Languages
- Agents