



Impressions of Leipzig

## Proceedings

As in previous years, we expect to publish the conference proceedings in Springer's LNAI series as post-proceedings.

The novelty and the quality of the accepted contributions for TMRA 2008 are ensured by a renowned program committee consisting of international experts.

### 2007

Maicher, L.; Garshol, L. M.:  
**Scaling Topic Maps**  
to appear spring 2008

### 2006

Maicher, L.; Sigel, A.; Garshol, L. M.:  
**Leveraging the Semantics  
of Topic Maps.**  
LNAI 4438. Springer, Berlin 2007  
ISBN 978 - 3 - 540 - 71944 - 1

### 2005

Maicher, L.; Park, J.:  
**Charting the Topic Maps Research  
and Applications Landscape.**  
LNAI 3873. Springer, Berlin 2006  
ISBN 978 - 3 - 540 - 32527 - 7

## Important Dates

### Submission deadline

*(full papers, short papers, presentations,  
demonstrations, posters, tutorials)*

Acceptance notification  
Program publication  
Registration "early bird"  
Registration deadline

**tutorials@TMRA**

### TMRA 2008

Submission camera ready papers  
Publication of proceedings

**30 May 2008**

31 July 2008  
8 August 2008  
29 August 2008  
26 September 2008

**15 October 2008**  
**16-17 October 2008**

30 November 2008  
March 2009

### TMRA 2008 is organized by

Zentrum für Informations-, Wissens-  
und Dienstleistungsmanagement e. V.  
c/o TMRA-Organisation  
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### TMRA is supported by



4th International Conference on  
Topic Maps Research and Applications

## Subject-centric Computing

15-17 October 2008

Campus Villa Ida — Leipzig, Germany



TMRA is where new challenges in Topic Maps are identified and open issues tackled.



## tutorials@TMRA 2008

The tutorials day, 15 October 2008, provides a platform to present and attend high quality lectures in the field of Topic Maps. The tutorials offer an opportunity to learn about new areas of Topic Maps research, to get an introduction to important established topics, or to develop higher skill levels in already familiar areas.



## Conference Venue

Campus Villa Ida  
Poetenweg 28  
04155 Leipzig, Germany

## The TMRA conference series an overview

TMRA 2008 will be the fourth event in the annual series of international conferences on Topic Maps Research and Applications. TMRA is the advanced scientific and industrial forum whose main object is connecting the key players in the Topic Maps community. Here you will find researchers and users in government and industry, as well as the vendors, the luminaries, and the standards creators gathered for an exchange of ideas in a stimulating setting.

Topic Maps is a semantic technology designed for the integration of information, and is as such closely connected with other information-centric technologies. TMRA is the melting pot where Topic Maps meets adjacent technologies. Researchers from related disciplines are explicitly invited to present their efforts towards the advancement of semantic technologies. Some examples, from a remarkably incomplete listing, are: markup languages, data modelling, natural language processing, cognitive science, philosophy, and software engineering.

Besides the keynotes, presented by leading heads of the Topic Maps community, the conference schedule covers parallel science- and industry-oriented tracks, poster and demonstration sessions. The latest ideas from the community are discussed in the open-space sessions. Tutorials@TMRA features a full day of tutorials prior to the regular conference program.

## Subject-centric computing the motto of TMRA 2008

As Peter Brown emphasised in his closing keynote in 2007, traditional information organization is focused on documents, folders, and files, which are all 18th century terms. Topic Maps, on the other hand, are subject-centric, in the sense that they organize information by what it is about. Users, however, typically think and act in a subject-centric way. They don't look for certain document or folder, but for information about a particular subject that they are interested in. Shifting the information architecture to a subject-centric perspective, means changing the way software and interfaces are designed. Subject-centric computing is based on the appropriate handling of subject identity, which is the mechanism for deciding whether or not two different objects represent the same subject. Identity-aware subject-centric computing empowers a new level of interactivity between systems at global scale. The goal of TMRA 2008 is nothing less than the break-through of subject-centric computing.

You are invited to contribute to TMRA 2008 under the following main topics:

- Subject-centric computing
- Standards related Topic Maps research
- Theoretic Topic Maps research
- Applied Topic Maps research
- Topic Maps application domains

The full calls for contribution are available online.

## Campus Villa Ida Conference Venue in Leipzig

TMRA 2008 takes place in Leipzig, Germany, at the Campus Villa Ida. The conference venue is an inspiring building located in a beautiful area of old mansions, townhouses, and parks, right next to a small baroque castle. The new building complex opens towards the Villa Ida, an historic structure with late classicist elements offering a welcome contrast to the architecture of the adjacent premises.

Participants will experience perfect conditions of learning and lecturing in a stimulating setting at one of Germany's most vibrant and exciting cities. Leipzig offers an exceptional union of tradition and innovation in science and culture.

Leipzig is home of a renowned university, a variety of museums and monuments, historic restaurants, relaxing parks and lakes as well as rich cultural tradition and a dynamic nightlife, which together make Leipzig well worth a trip. Leipzig is a city of music, where you can experience the spirit of Bach and all of his famous successors.

The city offers accommodation for any taste, with many hotels located within walking distance to the city center. All points of interest are well linked by public transportation. The city is connected to the national high-speed train network and has an international airport.