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\* at the time of printing

## Conference Information

### Important Dates

<b>Submission Deadline</b>	<b>Jun-02</b>
Acceptance notification	Jul-31
Program publication	Aug-08
Early Bird	Aug-15
<b>Closing registration</b>	<b>Sep-15</b>
<b>TMRA 2006</b>	<b>Oct-11/12</b>

### Conference Fees (foreseen)

Early Bird (due 15 <sup>th</sup> August)	150 €
Regular	180 €

### Conference Venue

Mediencampus Leipzig  
Menckestraße 27  
04155 Leipzig, Germany

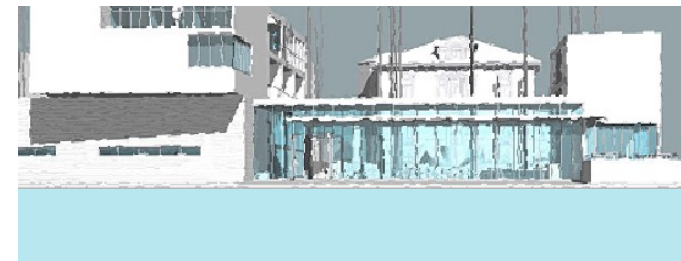
### TMRA 2006 is organised by

Zentrum für Informations-, Wissens- und  
Dienstleistungsmangement  
c/o TMRA - Organisation  
University of Leipzig  
PF 920  
04109 Leipzig (Germany)

**email: [info@tmra.de](mailto:info@tmra.de)**

**<http://www.tmra.de>**

## Media Partner



## TMRA 2006

International  
Conference on  
**Topic Maps  
Research and  
Applications**

**Villa Ida,  
Mediencampus  
Leipzig, Germany**

**11-12 October 2006**

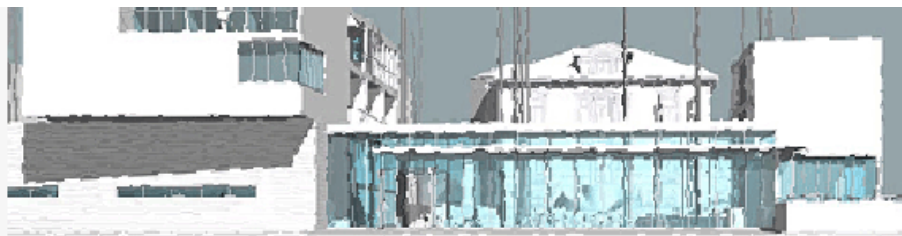
TMRA 2006 "Leveraging the Semantics"

# TMRA

International  
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05 | 06 | 07



Villa Ida  
Mediencampus  
Leipzig, D  
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TMRA 2006 "Leveraging the Semantics"

## Objectives and Background

TMRA – the annual conference series on Topic Maps Research and Applications - is a scientific and industrial forum whose main object is connecting the key players in the Topic Maps community. Here you will find researchers, 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. TMRA is where new challenges in Topic Maps are identified and open issues tackled.

Topic Maps is a semantic technology designed for the integration of information and knowledge, and as such it is closely connected with other information-centric technologies. TMRA is the melting pot where Topic Maps meets adjacent technologies. Researchers and application pioneers from related disciplines are explicitly invited to present their efforts towards the advancement of semantic technologies.

Besides the keynotes, presented by leading heads of the Topic Maps community, there are science- and industry-oriented parallel tracks. Also poster presentations and demonstrations will be accepted, and the latest ideas from the community are presented in the more informal open-space sessions.

## "Leveraging the Semantics"

Topic Maps have a rich semantic model that is well designed to support information retrieval in general, but can also be used for an almost unlimited range of other applications. How can the semantics of this model best be leveraged in practice? What are the main open issues for the use of Topic Maps? Where is the place of Topic Maps in the muddle of semantic technologies? Finding answers to these questions will be the challenge of TMRA 2006.

### Topics of TMRA 2006

Topics of the conference include but are not limited to the following objectives:

#### *Leveraging the Semantics*

- Why are Topic Maps a semantic technology?
- Learning from other semantic web efforts
- Topic Maps as part of the semantic web
- Semantic Desktops and Topic Maps
- Topic Mapping and social software
- PSIs in heterogeneous environments
- Recommendations for PSI sets
- Reasoning with topic maps
- Rule Languages and topic maps

#### *Standard related Topic Maps research*

- Standards - state of the art and future
- Query, update and constrain topic maps
- Living with XTM 2.0
- Deploying the TMRM
- Towards a general theory of scope

### *Theoretic Topic Maps research*

- Overview of current Topic Maps research efforts
- Topic maps diff
- Creating topic maps views of data sources
- Synchronizing topic maps against data sources
- Knowledge economy and Topic Maps
- Topic Maps modelling methodologies
- Graphical modelling languages for Topic Maps
- Topic Maps and DITA

### *Applied Topic Maps research*

- Overview of innovative Topic Maps applications
- Topic Maps portal integration
- Topic Maps visualization
- Topic Maps and web services
- Automatic generation of topic maps
- Topic Maps and business processes
- Topic Maps and knowledge management
- Topic Maps and content management
- Topic Maps in news aggregation
- EII and Topic Maps
- Topic Maps and mobile environments
- Topic Maps Services and Hosting

## Open-Space Sessions

In addition to the presentation track, TMRA 2006 provides slots for open-space sessions, like brainstorming for research and business projects. You are highly encouraged to stage the open-space sessions!

## Submission Guidelines

We invite original, high quality papers with substantial contributions. The proceedings of TMRA are foreseen to be published by Springer in the LNCS series as post-proceedings. The conference language is English. **Submission deadline is June, 2<sup>nd</sup> 2006.** Five kinds of submissions are invited: full and short papers, presentation proposals, posters and demonstrations.

More details at the conference website

<http://www.tmra.de>