

Lecture Notes in Artificial Intelligence 4999

Edited by J.G. Carbonell and J. Siekmann

Subseries of Lecture Notes in Computer Science

Lutz Maicher Lars Marius Garshol (Eds.)

Scaling Topic Maps

Third International Conference
on Topic Maps Research and Applications, TMRA 2007
Leipzig, Germany, October 11-12, 2007
Revised Selected Papers

Series Editors

Jaime G. Carbonell, Carnegie Mellon University, Pittsburgh, PA, USA
Jörg Siekmann, University of Saarland, Saarbrücken, Germany

Volume Editors

Lutz Maicher
Universität Leipzig
Institut für Informatik
Johannisgasse 26, 04103 Leipzig, Germany
E-mail: maicher@informatik.uni-leipzig.de

Lars Marius Garshol
Bouvet AS
Schweigaardsgate 67b
0656 Oslo, Norway
E-mail: larsga@bouvet.no

Library of Congress Control Number: Applied for

CR Subject Classification (1998): I.2, H.4, H.3, J.1, J.3, K.3-4

LNCS Sublibrary: SL 7 – Artificial Intelligence

ISSN 0302-9743
ISBN-10 3-540-70873-1 Springer Berlin Heidelberg New York
ISBN-13 978-3-540-70873-5 Springer Berlin Heidelberg New York

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Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India
Printed on acid-free paper SPIN: 12443352 06/3180 5 4 3 2 1 0

Preface

The papers in this volume were presented at TMRA 2007, the International Conference on Topic Maps Research and Applications, held October 11–12, 2007, in Leipzig, Germany. TMRA 2007 was the third conference in an annual series of international conferences dedicated to Topic Maps in science and industry.

The motto of TMRA 2007 was “Scaling Topic Maps.” Taken literally the motto implies developing Topic Maps approaches that scale to large data and user volumes. This is a very real and useful research problem which is addressed by many of the contributions to the conference. But there is an even broader interpretation of the motto: wide adoption of Topic Maps in academia and industry. This is an equally important problem, and one that the TMRA conference series exists to help solve. And there is a more fanciful view on the motto. To “scale” can also mean to climb, so for the attendees the conference provided a way to “scale the mountain of Topic Maps.” In all these ways TMRA 2007 helped to scale Topic Maps.

Stimulated by the success of the previous conferences, the concept of TMRA was retained nearly unchanged. The conference was preceded by tutorials@TMRA, a full day of in-depth tutorials. The main conference schedule was separated into two parallel tracks, providing a rich program for all interests. The Open Space sessions, once more smoothly moderated by Lars Marius Garshol, provided a light and exciting look at work which will most likely be presented at future conferences. And TMRA 2007 was succeeded by a 2-day ISO meeting which emphasized the importance of the conference.

The TMRA 2007 program attracted a very international crowd of around 80 attendees, hosted in the media campus of the Leipzig Media Foundation. The scientific quality of the conference was ensured by the international Program Committee with 35 members. From 44 submissions, 32 were accepted for presentation at the conference. Every submission was carefully reviewed by three members of the Program Committee. After the strict review, 16 full papers, four short papers, the invited keynote, and one invited report from both the poster and open space sessions were accepted to be published in this conference proceedings volume.

We would like to thank all those who contributed to this book for their excellent work and great cooperation. Furthermore, we want to thank all members of the Program Committee, and especially Prof. G. Heyer, for their tireless commitment to making TMRA 2007 a true success. TMRA was organized by the Zentrum für Informations-, Wissens- und Dienstleistungsmanagement at the University of Leipzig. Furthermore, we acknowledge the generous support by all sponsors.

We hope all participants enjoyed a successful conference, made many new contacts, gained from fruitful discussions helping to solve current research problems, and had a pleasant stay in Leipzig. TMRA 2008 will be held October 15–17, 2008 in Leipzig. For detailed information about all TMRA conferences see the website at www.tmra.de.

Organization

TMRA 2007 was organized by the Zentrum für Informations-, Wissens- und Dienstleistungsmanagement (ZIWD) at the University of Leipzig, Germany.

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