Dr. Michael Hausenblas

Date Of Birth	3rd July 1975
Nationality	Austria
	Married, three children
Address	Dangan Heights 113, Galway, Ireland
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Professional Activities

November 2008 – ongoing	Postdoctoral researcher in the Data Intensive Infrastructures Unit at the Digital Enterprise Research Institute (DERI) of the National University of Ireland, Galway, Ireland
2001 – 2008	Researcher in the area of Semantic Web focusing on Multimedia at the Institute of Information Systems & Information Management (IIS) at JOANNEUM RESEARCH Forschungsgesellschaft mbH, Austria

Education and University Studies

September 2008	PhD viva voce. Holding a Doctor technicae (Dr. techn.) from the Graz University of Technology, Austria
2004 – 2008	Doctoral studies at Graz University of Technology, Austria
April 2004	Final diploma examination. Holding a Master of Science (MSc.) from the Graz University of Technology, Austria
1995 – 2004	University studies of Telematics at Graz University of Technology, Austria.
June 1994	School-leaving examination
1989 – 1994	Technical High School (Information Technology) in Klagenfurt, Austria
1981 – 1989	Primary & secondary school in Klagenfurt, Austria

Internships

July/August 2000	JOANNEUM RESEARCH in Graz, Austria (GIS application development)
July – October 1998	Shell SIEP/EPT-IS in Rijswijk, Netherlands (Web-application design)
July – October 1997	Shell SIEP/EPT-IM in Rijswijk, Netherlands (Java programming and Web design)
July 1996	Philips in Klagenfurt, Austria (professional electronic department)
August 1993	Siemens in Klagenfurt, Austria
August 1992	Philips in Klagenfurt, Austria
July/August 1991	Max-Planck-Institute in Grenoble, France (electronic workshop)
July 1990	Max-Planck-Institute in Grenoble, France (mechanical workshop)

Competencies

Technical	Software Development *Java, JavaScript, PHP, C/C++, (X)HTML, Ajax, XML, SQL* Web of Data Engineering *RDFa, RDF(S), OWL, SPARQL, linked data, ontology engineering* Metadata Formats *MPEG-7, MPEG-21, Dublin Core, FOAF, SIOC, DOAP*
Management	Project Management Quality Management Standardisation Activities (W3C)
Soft Skills	High social competence Visionary and creative Intercultural alignment Good portion of humour

Languages & Additional Qualifications

German	Native language
English	Fluent (oral and written)
Dutch	Fair (3-month beginners course in summer 1997 and additional practice in 1998)
French	Basic
July 1994 – January 1995	Military Service

Refereed Publications

2009

A. Iqbal, O. Ureche, **M. Hausenblas**, G. Tummarello. LD2SD: Linked Data Driven Software Development. 21st International Conference on Software Engineering and Knowledge Engineering (SEKE 09), 2009.

K. Alexander, R. Cyganiak, **M. Hausenblas**, J. Zhao. Describing Linked Datasets - On the Design and Usage of voiD, the 'Vocabulary of Interlinked Datasets'. Linked Data on the Web Workshop (LDOW) at WWW, 2009.

N. Toupikov, J. Umbrich, R. Delbru, **M. Hausenblas**, G. Tummarello. DING! Dataset Ranking using Formal Descriptions. Linked Data on the Web Workshop (LDOW) at WWW, 2009.

M. Hausenblas, R. Troncy, Y. Raimond, T. Bürger. Interlinking Multimedia: How to Apply Linked Data Principles to Multimedia Fragments. Linked Data on the Web Workshop (LDOW) at WWW, 2009.

M. Hausenblas. Exploiting Linked Data For Building Web Applications. IEEE Internet Computing, 13(4), 80–85, 2009.

M. Hausenblas, W. Halb, Y. Raimond, L. Feigenbaum, D. Ayers. SCOVO: Using Statistics on the Web of Data. ESWC2009 Semantic Web in Use Track, 2009.

2008

M. Hausenblas. Building Scaleable and Smart Multimedia Applications on the Semantic Web. PhD thesis, Graz University of Technology. 2008.

R. Kaiser, **M. Hausenblas**, M. Umgeher. Metadata-Driven Interactive Web Video Assembly. In: International Journal Multimedia Tools and Applications, Semantic Media Adaptation and Personalisation, 437–467, 2008.

S. Softic, **M. Hausenblas**. Towards Opinion Mining Through Tracing Discussions on the Web. Social Data on the Web (SDoW) Workshop at the International Semantic Web Conference (ISWC), 2008.

M. Hausenblas, W. Halb. Interlinking Multimedia Data. Linking Open Data Triplification Challenge at the International Conference on Semantic Systems (I-Semantics), 2008.

M. Hausenblas, W. Halb, Y. Raimond, T. Heath. What is the Size of the Semantic Web? International Conference on Semantic Systems (I-Semantics), 2008.

M. Hausenblas. Non-linear Interactive Media Productions. Special Issue of ACM Multimedia Systems Journal on Canonical Processes of Media Production, 405–413, 2008.

M. Hausenblas, W. Halb. Interlinking of Resources with Semantics. Poster at the European Semantic Web Conference (ESWC), 2008.

M. Hausenblas, W. Halb, Y. Raimond. Scripting User Contributed Interlinking. Workshop on Scripting for the Semantic Web (SFSW), collocated with the European Semantic Web Conference (ESWC), 2008.

W. Bailer, **M. Hausenblas**, W. Haas. Enabling Audiovisual Metadata Interoperability with the European Digital Library. Workshop on Semantic Interoperability in the European Digital Library (SIEDL), collocated with the European Semantic Web Conference (ESWC), 2008.

W. Halb, Y. Raimond**, M. Hausenblas**. Building Linked Data For Both Humans and Machines. Linked Data on the Web Workshop (LDOW) at WWW, 2008.

W. Weiss, **M. Hausenblas**. Visual Exploration, Query, and Debugging of RDF Graphs. Semantic Web User Interaction Workshop (SWUI) at CHI, 2008.

2007

M. Hausenblas, W. Bailer, T. Bürger, R. Troncy. Deploying Multimedia Metadata on the Semantic Web. Poster at the International Conference on Semantics And digital Media Technologies (SAMT), 2007.

M. Hausenblas, R. Mörzinger, P. Hofmair, W. Haas. Towards Intelligent Assembly of Media Assets for Automated Character Animation. Workshop on Multimedia Annotation and Retrieval enabled by Shared Ontologies (MAReSO), collocated with the International Conference on Semantics And digital Media Technologies (SAMT), 2007.

R. Kaiser, M. Umgeher, **M. Hausenblas**. Metadata-based Adaptive Assembling of Video Clips on the Web. International Workshop on Semantic Media Adaptation and Personalization (SMAP), 2007.

M. Hausenblas, W. Bailer, H. Mayer. Deploying Multimedia Metadata in Cultural Heritage on the Semantic Web. Long paper at the International Workshop on Cultural Heritage on the Semantic Web (CH-SW), collocated with the International Semantic Web Conference (ISWC), 2007.

M. Hausenblas, H. Rehatschek. mle: Enhancing the Exploration of Mailing List Archives Through Making Semantics Explicit. Semantic Web Challenge 2007, collocated with the International Semantic Web Conference (ISWC), 2007.

T. Bürger, **M. Hausenblas**. Why Real-World Multimedia Assets Fail to Enter the Semantic Web. Semantic Authoring, Annotation and Knowledge Markup Workshop (SAAKM), collocated with the International Conference on Knowledge Capture (K-Cap), 2007.

M. Hausenblas. Applying Media Semantics Mapping in a Non-linear, Interactive Movie Production Environment. International Conference on New Media Technology (I-Media), 2007.

M. Höffernig, **M. Hausenblas**, W. Bailer. Semantics of Temporal Media Content Descriptions. 7th Multimedia Metadata Applications Workshop (M3A), 2007.

M. Ursu, J. Cook, V. Zsombori, I. Kegel, D. Williams, **M. Hausenblas**, M. Tuomola. ShapeShifting Screen Media: A Declarative Computational Model for Interactive Reconfigurable Moving Image Narratives. Poster at the Artificial Intelligence and Interactive Digital Entertainment Conference, 2007.

M. Hausenblas, W. Slany, D. Ayers. A Performance and Scalability Metric for Virtual RDF Graphs. Workshop on Scripting for the Semantic Web (SFSW), collocated with the European Semantic Web Conference (ESWC), 2007.

W. Haas, W. Bailer, **M. Hausenblas**. Media Semantics. ÖGAI Journal, 26(1), 2007.

M. Hausenblas, F. Nack. Interactivity = Reflective Expressiveness. IEEE MultiMedia, 14(2), 1–7, 2007.

2006

R. Troncy, W. Bailer, **M. Hausenblas**, P. Hofmair, R. Schlatte. Enabling Multimedia Metadata Interoperability by Defining Formal Semantics of MPEG-7 Profiles. International Conference on Semantics And digital Media Technology (SAMT), 2006.

H. Rehatschek, **M. Hausenblas**, G. Thallinger, W. Haas. Cross media aspects in the areas of media monitoring and content production. International Conference on Language Resources and Evaluation (LREC), 2006.

2005

M. Lux, W. Klieber, M. Granitzer, **M. Hausenblas**, H. Mayer. Digital Rights Management for Distributed Multimedia E-Learning Content. Interactive Computer Aided Learning Conference, 2005.

W. Bailer, P. Schallauer, **M. Hausenblas**, G. Thallinger. MPEG-7 Based Description Infrastructure for an Audiovisual Content Analysis and Retrieval System. Conference on Storage and Retrieval Methods and Applications for Multimedia, 2005.

2003 and 2004

M. Hausenblas. Semantic Representation and Query of Legal Norms in the Area of Academic Law, diploma thesis, 2004.

H. Zeiner, G. Kienast, **M. Hausenblas**, C. Derler, W. Haas. Video Assisted Geographical Information Systems. Cross-Media Service Delivery, 205–215, 2003.

Tutorials & Workshops

European Semantic Web Conference: Workshop on "Trust and Privacy on the Social and Semantic Web" (SPOT2009), June 2009.

European Semantic Web Conference: Tutorial on "The Web of Data for E-Commerce in One Day: A Hands-on Introduction to the GoodRelations Ontology, RDFa, and Yahoo! SearchMonkey", May 2009.

World Wide Web Conference: Tutorial on "Hello Open World – The Web of Data for the Pragmatic Developer", April 2009.

International Semantic Web Conference: Tutorial on "RDFa – Bridging the Web of Documents and the Web of Data, October 2008.

International Semantic Web Conference: Tutorial on "How to Publish Linked Data on the Web", October 2008.

European Interactive TV Conference: Tutorial on "Shape shifted TV: Authoring and delivering new forms of interactive TV", May 2007.

European Semantic Web Conference: Tutorial on "What you Mean is What you Watch: Multimedia and the Semantic Web", June 2006.

Scientific Committee Memberships & Reviewing Activities

2009

Programme Committee member of the International Conference on Semantic and Digital Media Technologies

Programme Committee member of the International Semantic Web Conference In Use Track

Programme Committee member of the International Semantic Web Conference Research Track

Programme Committee member of the International Semantic Web Conference Posters and Demonstrations session

Reviewer for ACM Computing Surveys

Programme Committee member of the Second Workshop on Story-Telling and Educational Games

Chair of the Linking Open Data Triplification Challenge at the I-Semantics Conferences

Reviewer for the Special Issue of the Journal of Web Semantics on Exploring New Interaction Designs Made Possible by the Semantic Web

Reviewer for the International Journal on Semantic Web and Information Systems Special Issue on Linked Data

Reviewer for the Special Issue of the Journal of Web Semantics on The Web of Data

Programme Committee member of the Workshop on Scripting for the Semantic Web collocated with the European Semantic Web Conference

Reviewer for the European Semantic Web Conference

Organising Committee member of the Trust and Privacy on the Social and Semantic Web workshop at European Semantic Web Conference

Programme Committee member of the Linked Data on the Web Workshop at World Wide Web Conference

Reviewer for the World Wide Web Conference

Organising Committee member of the European Semantic Web Conference, Semantic Web Technologies Co-ordinator jointly with Harith Alani

Programme Committee member of the European Interactive TV Conference

Programme Committee member of the Workshop on Multimedia Metadata

Programme Committee member of the Visual Interfaces to the Social and the Semantic Web

2008

Programme Committee member of the International Workshop on Interacting with Multimedia Content in the Social Semantic Web

Organising Committee member of the Web of Data Practitioners Days

Programme Committee member of the Social Data on the Web Workshop

Programme Committee member of the Doctoral consortium at International Semantic Web Conference

Programme Committee member of the International Workshop on Story-Telling and Educational Games

Programme Committee member of the Semantic Authoring, Annotation and Knowledge Markup Workshop

Programme Committee member of the 3rd International Conference on Semantic and Digital Media Technologies

Programme Committee member of the 4th Workshop on Scripting for the Semantic Web (SFSW08) collocated with the European Semantic Web Conference

Programme Committee member of the Linked Data on the Web Workshop at the World Wide Web Conference

Programme Committee member of the European Interactive TV Conference

Programme Committee member of the Semantic Web User Interaction at Computer-Human Interaction Conference

Programme Committee member of the Workshop on Multimedia Metadata Management & Retrieval

2006 and 2007

Programme Committee member of the Workshop on Multimedia Annotation and Retrieval enabled by Shared Ontologies

Programme Committee member of the Knowledge Acquisition from Multimedia Content Workshop

Programme Committee member of the Multimedia Metadata Applications

Reviewer for the International Journal on Semantic Web and Information Systems

Reviewer for the IEEE MultiMedia Journal

Reviewer for the Signal Processing: Image Communication Special Issue

Reviewer for the Multimedia Tools and Applications - Journal of Web Semantics Joint Special Issue on "Semantic Multimedia"