

Curriculum Vitae

Knud Hinnerk Möller

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WORK EXPERIENCE

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|-------------------|--|--|
| 10/2011 – present | Technical Consultant and Data Engineer | Kasabi, Talis Systems Ltd.
B25LS, Birmingham, UK |
| | <ul style="list-style-type: none">• Data engineering solutions for Kasabi.com• Design, planning and development of linked data solutions with and for clients in business and public sector• Teaching seminars on linked data and Semantic Web technology | |
| 01/2010 – 09/2011 | Postdoctoral Researcher | National University of Ireland, Galway |
| 01/2004 – 12/2009 | Research Assistant | Digital Enterprise Research Institute (DERI) |
| | <ul style="list-style-type: none">• Research and development in linked data publishing and usage, semantic blogging, metadata generation and semantic desktop technologies• Team management for FAST project (EC, FP7- 216048)• Project member in Nepomuk (EC, FP6-027705), Knowledge Web (EC, FP6-507482) and DERI Lón (SFI/02/CE1/I131) projects• Proposal writing and negotiation, e.g., digital.me (EC, FP7-257787), Widgelix (Enterprise Ireland, IP-2008-0533)• Teaching Assistant with Dr. Siegfried Handschuh (“<i>Digital Information/Multimedia Semantics</i>“ module in “<i>Digital Media</i>“ MA programme, 2007 and 2010)• Supervision of master students and research interns (Dragos Andronic, Oszkar Ambrus, Venkatram Yadav)• Conception, development and maintenance of Semantic Web conference metadata infrastructure at http://data.semanticweb.org | |
| 05/2001 – 09/2003 | Teaching Assistant and Programmer | Universität zu Köln, Germany |
| 08/1998 – 07/1999 | (<i>part-time</i>) | Sprachliche Informationsverarbeitung
(Linguistic Data Processing) |
| | <ul style="list-style-type: none">• Tutorials in Java Programming and Basic Information Technology• Java programmer for research projects within knowledge management, computer-aided learning and Topic Map technology• User administration in computer lab• Production of course material for lecturers | |

08/2000 – 12/2000	Teaching Assistant (part-time)	Universitetet i Bergen, Norway Seksjon for lingvistiske fag (Department of Linguistics)
	<ul style="list-style-type: none"> Classes in basic linguistics (phonetics/phonology, morphology, syntax and semantics) for first-semester students 	
09/1998 – 07/1999	Web Portal Maintenance (part-time)	Staufenbiel Verlag GmbH, Köln, Germany
	<ul style="list-style-type: none"> Code-level maintenance of portal content, creation of new content 	

EDUCATION

2009	PhD in Computer Science	National University of Ireland, Galway Digital Enterprise Research Institute (DERI)
	Thesis	<i>“Lifecycle Support for Data on the Semantic Web”</i> – The thesis proposes a generic lifecycle model for data-centric systems and applies it to the Semantic Web. Several concrete application scenarios and use cases serve to illuminate and evaluate the model.
	Supervisor	Dr. Siegfried Handschuh
	Examiners	Hugh Glaser and Dr. Robert Engels (external), Prof. Dr. Stefan Decker (internal)
2003	MA in Computational Linguistics, English and Scandinavian Languages	Universität zu Köln, Germany
	Thesis	<i>“Die Codierung linguistischen Wissens in Topic Maps”</i> – The thesis discusses the theory and implementation of using the Topic Map paradigm to express object-oriented linguistic data.
	Supervisor	Prof. Dr. Jürgen Rolshoven
2000	Mellomfag (equivalent BA) in Computational Linguistics	Universitetet i Bergen, Norway Seksjon for lingvistiske fag
1994	Abitur (highest secondary school degree in Germany)	Helmholtz-Gymnasium Bonn, Germany

CONFERENCES & WORKSHOPS, INVITED TALKS, ETC.

- Metadata co-chair at the International Semantic Web Conferences (ISWC) 2006-2009 and Future Internet Symposium (FIS) 2010
- Workshop co-chair at Workshop for Usage Analysis and the Web of Data (USEWOD2011, at WWW2011), User-generated Services (UGS2009, at ICSOC2009) and Semantic Authoring and Annotation Workshop (SAAW2006, at ISWC2006)
- Organisation of VoCamp Galway 2008
- Member of W3C working group for RDFa/RDF Web Applications since February 2010
- Mentor at ESWC2010 PhD Symposium
- *“Natural-Language Interfaces”* session chair at ISWC2007
- Visiting researcher at the GATE team, Department for Computer Science, University of Sheffield, UK
- Visiting researcher at the Stanford Logic Group, July 2006
- Programme committee member and reviewer at various conferences, workshops and journals
- Invited Talk *“RDFa Everywhere”* at WebDirections South 2010, Sydney, <http://bit.ly/bz59uS>
- *“The Semantic Web and what it can do for your Business”*, half-day industry seminar for socialbits.net, March 2010, <http://slidesha.re/cQ4Nuf>

ACADEMIC AWARDS

- Runner-up for best paper award at WebScience 2010 (“*Learning from Linked Open Data Usage: Patterns & Metrics*“)
- Best demo award at ESWC2008 (“*Visual Programming for the Semantic Desktop with Konduit*“)

LANGUAGE SKILLS

German	Native speaker
English, Norwegian	Fluent in written and spoken language
Danish, Swedish, French	Basic knowledge

PUBLICATIONS

- Conference Papers**
- Rivera, I., Möller, K., and Zündorf, A. (2011). “Web service wrapping, discovery and consumption – more power to the end-user“. In *WEBIST2011, Noordwijkerhout, The Netherlands*.
- Möller, K., Hausenblas, M., Cyganiak, R., Grimnes, G., and Handschuh, S. (2010). “Learning from Linked Open Data Usage: Patterns & Metrics“. In *WebScience 2010, Raleigh, NC, USA*. Runner-up for the Best Paper Award at WebSci2010
- Hoyer, V., Janner, T., Delchev, I., López, J., Ortega, S., Fernández, R., Möller, K. H., Rivera, I., Reyes, M., and Fradinho, M. (2009). “The FAST Platform: An Open and Semantically-enriched Platform for Designing Multi-channel and Enterprise-class Gadgets“. In *The 7th International Joint Conference on Service Oriented Computing (ICSOC2009), Stockholm, Sweden*.
- Groza, T., Handschuh, S., Möller, K., and Decker, S. (2008). “KonneX-SALT: First Steps Towards a Semantic Claim Federation Infrastructure“. In *The 5th European Semantic Web Conference (ESWC2008), Tenerife, Spain*.
- Möller, K., Heath, T., Handschuh, S., and Domingue, J. (2007a). “Recipes for Semantic Web Dog Food – the ESWC2006 and ISWC2006 Metadata Projects“. In *The 6th International Semantic Web Conference and 2nd Asian Semantic Web Conference (ISWC+ASWC2007), Busan, South Korea*.
- Groza, T., Möller, K., Handschuh, S., Trif, D., and Decker, S. (2007b). “SALT: Weaving the Claim Web“. In *The 6th International Semantic Web Conference and 2nd Asian Semantic Web Conference (ISWC+ASWC2007), Busan, South Korea*.
- Groza, T., Handschuh, S., Möller, K., Grimnes, G., Sauermann, L., Minack, E., Mesnage, C., Jazayeri, M., Reif, G., and Gudjonsdottir, R. (2007a). “The NEPOMUK project – on the Way to the Social Semantic Desktop“. In *I-Semantics’ 07, Graz, Austria*.
- Groza, T., Handschuh, S., Möller, K., and Decker, S. (2006). “SALT – Semantically Annotated LaTeX for Scientific Publications“. In *The 4th European Semantic Web Conference (ESWC2007), Innsbruck, Austria*.
- Möller, K., Bojars, U., and Breslin, J. G. (2006). “Using Semantics to Enhance the Blogging Experience“. In *The 3rd European Semantic Web Conference (ESWC2006), Budva, Montenegro*.
- Möller, K., Breslin, J. G., and Decker, S. (2005). “semiBlog – Semantic Publishing of Desktop Data“. In *14th Conference on Information Systems*

Development (ISD2005), Karlstad, Sweden.

Book Chapters

Bernardi, A., Decker, S., van Elst, L., Grimnes, G., Groza, T., Handschuh, S., Jazayeri, M., Mesnage, C., Möller, K., Reif, G., and Sintek, M. (2008). "The Social Semantic Desktop: A New Paradigm towards Deploying the Semantic Web on the Desktop". In Cardoso, J. and Lytras, M., editors, *Semantic Web Engineering in the Knowledge Society*. IGI Global.

Workshop Papers

Ambrus, O., Möller, K., and Handschuh, S. (2009). "Towards Ontology Matching for Intelligent Gadgets". In *Workshop on User-generated Services (UGS2009) at ICSOC2009, Stockholm, Sweden*.

Dragan, L., Möller, K., Handschuh, S., Ambrus, O., and Trüg, S. (2009). "Converging Web and Desktop Data with Konduit". In *5th Workshop on Scripting and Development for the Semantic Web, at ESWC2009, Crete, Greece*.

Möller, K. (2008). "World of WebCraft – Mashing up World of Warcraft and the Web". In *4th Semantic Web Scripting Workshop at ESWC2008*.

Möller, K. and Handschuh, S. (2007). "Towards a Light-weight Semantic Desktop". In *SemDesk Design 2007 at ESWC2007, Innsbruck, Austria*.

Oren, E., Delbru, R., Möller, K., Völkel, M., and Handschuh, S. (2006). "Annotation and Navigation in Semantic Wikis". In *SemWiki2006 - From Wiki to Semantics, at ESWC2006, Budva, Montenegro*.

Möller, K. and Decker, S. (2005). "Harvesting Desktop Data for Semantic Blogging". In *1st Workshop on the Semantic Desktop at ISWC2005, Galway, Ireland*.

Demos, Posters, Position Papers

Möller, K., Ambrus, O., Dragan, L., and Handschuh, S. (2008). "A Visual Interface for Building SPARQL Queries in Konduit". In *Posters and Demos at the 7th International Semantic Web Conference (ISWC2008), Karlsruhe, Germany*.

Möller, K., Handschuh, S., Trüg, S., Dragan, L., and Decker, S. (2008). "Demo: Visual Programming for the Semantic Desktop with Konduit". In *Proceedings of the 5th European Semantic Web Conference (ESWC2008), Tenerife, Spain*. Springer. Winner of Best Demo Award at ESWC2008.

Möller, K., Reif, G., and Handschuh, S. (2007b). "Moving Stuff – Linking Desktops with semiBlog, the Semantic Clipboard and RDFa". In *WWW2007, Developers Track, Banff, Canada*.

Möller, K., Schutz, A., and Decker, S. (2004). "Towards an Integrated Corpus for the Evaluation of Named Entity Recognition and Object Consolidation". In *Proceedings of the SemAnnot Workshop at ISWC2004 in Hiroshima, Japan*.

Möller, K. and Predoiu, L. (2004). "On the Use of FOAF in Semantic Web Portals". In *1st Workshop on Friend of a Friend, Social Networking and the Semantic Web, Galway, Ireland*.