

# Europass Curriculum Vitae



## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

Email(s)

Homepage(s)

FOAF description

Nationality(-ies)

Date of birth

Gender

**Möller, Knud**

27 The Cornstore, Middle Street, Galway, Republic of Ireland

+353 87 68 98 705      Mobile: +353 91 44 31 46

+353 91 49 55 41

knud.moeller@deri.org

<http://kantenwerk.org>

<http://kantenwerk.org/metadata/foaf.rdf>

German

7th June 1974

male



## Work experience

Dates

Occupation or position held

Main activities and responsibilities

Supervisors

Projects

Conferences

Reviews and PC memberships

Session Chair

Name and address of employer

January 2009–present

Post-doctoral Researcher, full time

Semantic Web Research and Development in Semantic Blogging, Metadata Generation, Semantic Desktop. Supervision of interns, teaching assistant.

*Prof. Dr. Stefan Decker and Dr. Siegfried Handschuh*

- DERI Lón (Science Foundation Ireland, Grant No. SFI/02/CE1/I131)

- Knowledge Web (European Commission, FP6-507482)

- Nepomuk (European Commission, FP6-027705)

- FAST (European Commission, FP7-ICT-2007-216048)

- Semantic Web Conference Metadata Project at <http://data.semanticweb.org>

- Metadata Co-Chair at the International Semantic Web Conferences (ISWC) 2006–2009

- Co-Chair of the 1st Semantic Authoring and Annotation Workshop (SAAW2006) at ISWC2006

- Co-Chair of the 1st International Workshop on User-generated Services (UGS2009) at ICSOC/ServiceWave2009

ESWC, ISWC, WWW, CIKM2007, DMC, ESOE, LDOW, SAAKM, SAMT, ...

*"Natural-Language Interfaces"* at ISWC2007

National University of Ireland, Galway (NUI Galway)

Digital Enterprise Research Institute (DERI)

IDA Business Park, Lower Dangan

Galway

Ireland

Dates

Occupation or position held

Name and address of employer

January 2004–January 2009

Research Assistant, full time

National University of Ireland, Galway (NUI Galway)

Digital Enterprise Research Institute (DERI)

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|---|---|
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> | <p>May 2001–September 2003</p> <p>Programmer and teaching assistant, part time</p> <p>Java programmer in a number of projects within the fields of knowledge management, computer aided learning and Topic Map technology. Taught classes in Java programming.</p> <p>Universität zu Köln</p> <p>Sprachliche Informationsverarbeitung (Linguistic Data Processing)</p> <p>Institut für Linguistik</p> <p>Albertus-Magnus-Platz</p> <p>50923 Köln</p> <p>Germany</p> |
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> | <p>August 2000–December 2000</p> <p>Teaching assistant in linguistics, part time</p> <p>Taught basic linguistics classes (phonetics/phonology, morphology, syntax and semantics) for first-semester students.</p> <p>Universitetet i Bergen</p> <p>Det humanistiske fakultet</p> <p>Seksjon for lingvistiske fag (Department of Linguistics)</p> <p>Postboks 7805</p> <p>5020 Bergen</p> <p>Norway</p>  |
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> | <p>August 1998–July 1999</p> <p>User administration in computer lab, assistant to teaching staff, part time</p> <p>Administration of student users in university's computer lab, using Windows, Macintosh and Unix machines. Produced course material for teachers.</p> <p>Universität zu Köln</p> <p>Sprachliche Informationsverarbeitung (Linguistic Data Processing)</p>   |
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> | <p>September 1998–July 1999</p> <p>Web portal maintenance, part time</p> <p>Maintained and updated existing web content, produced new content. Content was mainly static HTML, maintenance was done on code level.</p> <p>Staufenbiel Institut für Studien- und Berufsplanung GmbH (Publishing House)</p> <p>Maria-Hilf-Straße 15</p> <p>50677 Köln</p> <p>Germany</p>  |

## Education and training

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| <p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Thesis</p> <p>Name and type of organization providing education and training</p> | <p>2009</p> <p>PhD</p> <p>Computer Science (Semantic Web)</p> <p><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.</p> <p>National University of Ireland, Galway</p> <p>DERI</p> |
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| Dates  | 2003   |
| Title of qualification awarded                                 | Magister Artium  |
| Principal subjects/Occupational skills covered                 | Computational Linguistics, English and Scandinavian Languages  |
| Thesis   | <i>“Die Codierung linguistischen Wissens in Topic Maps”</i> — The thesis discussed the theory and implementation of using the Topic Map paradigm to express object oriented linguistic data. |
| Name and type of organization providing education and training | Universität zu Köln<br>Sprachliche Informationsverarbeitung (Linguistic Data Processing)   |
| Level in national or international classification              | MA   |
| Dates  | 2000   |
| Title of qualification awarded                                 | Mellomfag  |
| Principal subjects/Occupational skills covered                 | Computational Linguistics  |
| Name and type of organization providing education and training | Universitetet i Bergen<br>Seksjon for lingvistiske fag (Department of Linguistics)   |
| Level in national or international classification              | BA   |
| Dates  | 1994   |
| Title of qualification awarded                                 | Abitur   |
| Name and type of organization providing education and training | Helmholtz-Gymnasium<br>Bonn<br>Helmholtzstr. 18<br>53123 Bonn<br>Germany   |
| Level in national or international classification              | high-school degree   |

## Language Skills

Mother tongue(s)

Other language(s)

*Self-assessment  
European level<sup>(\*)</sup>*

**English**  
**Norwegian**  
**Danish**  
**French**

## Other Skills

Organisational skills and  
competences

Computer skills and  
competences

Driving licence(s)

## Personal Interests

### German

English, Norwegian, Danish, French

| Understanding |         | Speaking           |                   | Writing |
|---------------|---------|--------------------|-------------------|---------|
| Listening     | Reading | Spoken interaction | Spoken production |         |
| C2            | C2      | C2                 | C2                | C2      |
| C1            | C1      | B2                 | B2                | B2      |
| C1            | C1      | B1                 | B1                | B1      |
| A1            | A1      | A1                 | A1                | A1      |

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

Organised workshops and metadata activities at ISWC, supervised interns and master students. Acting project leader (FAST project).

- *Operating systems*: Mac OS X, Windows XP, various Linux distributions
- *Software*: MS Office, Adobe Photoshop, Eclipse, Xcode, OmniGraffle,  $\LaTeX$
- *Programming Languages*: Java, Objective-C, Ruby, C, LISP
- *Frameworks*: J2EE, Cocoa, Ruby on Rails
- *Data modeling and markup*: HTML, XML, RDF, OWL, JSON, Topic Maps

German driving licence class 3

Tai Chi, Tango Argentino, Travel, Languages

## Publications

### Journal Papers

Möller, K., Bechhofer, S., Heath, T., and Handschuh, S. (2010). Ontology soft skills — the Semantic Web Conference Ontology. *Applied Ontology*, Special Edition on “Beautiful Ontologies”

### Conference Papers

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 (IC-SOC2009)*, Stockholm, Sweden.

Groza, T., Handschuh, S., Möller, K., and Decker, S. (2008). KonneX-SALT: First steps towards a semantic claim federation infrastructure. In Bechhofer, S., editor, *Proceedings of the 5th European Semantic Web Conference (ESWC2008)*, Tenerife, Spain, volume 5021 of LNCS. Springer

Möller, K., Heath, T., Handschuh, S., and Domingue, J. (2007a). Recipes for semantic web dog food — the eswc2006 and iswc2006 metadata projects. In *The sixth International Semantic Web Conference*, Busan, South Korea

Groza, T., Möller, K., Handschuh, S., Trif, D., and Decker, S. (2007b). SALT: Weaving the claim web. In *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 Pellegrini, T. and Schaffert, S., editors, *Proceedings of I-Semantics' 07*, pages pp. 201–211. JUCS

Groza, T., Handschuh, S., Möller, K., and Decker, S. (2006). SALT — semantically annotated LaTeX for scientific publications. In *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 third European Semantic Web Conference*, pages 679–696, 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)*, pages 855–866, 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 IC-SOC2009*, Stockholm, Sweden

Drăgan, 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, Proceedings*, pages 79–91

#### **Posters, Demos, 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 Bechhofer, S., editor, *Proceedings of the 5th European Semantic Web Conference (ESWC2008), Tenerife, Spain*, volume 5021 of *LNCS*, pages 849–553. Springer

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, Proceedings*