

Curriculum Vitae

Name: Birte Glimm
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Education

- Since 10/2007
Research Assistant in the Computing Laboratory of the University of Oxford.
- 09/2004 - 10/2007
PhD student at the University of Manchester under the supervision of Prof. Ian Horrocks and Prof. Ulrike Sattler
PhD title: Querying Description Logic Knowledge Bases
 - From 09/2004
Awarded a doctoral scholarship from the Foundation of the German Economy (Stiftung der Deutschen Wirtschaft).
- 09/2001 - 07/2004
Studies of Computer Science at the Hamburg University of Applied Sciences (HAW), completed with a Bachelor of Science degree, Grade Excellent (GPA 15/15). Awarded for the best HAW Computer Science degree in 2004.
 - From 04/2002
Awarded a scholarship from the Foundation of the German Economy (Stiftung der Deutschen Wirtschaft).
 - 02/2004 - 07/2004
Visiting student at the University of Manchester for writing my BSc report “A Query Language for Web Ontologies” under joint supervision of Prof. Christoph Klauck (Hamburg) and Prof. Ian Horrocks (Manchester).
 - 07/2003-09/2003
Internship at the Centre for Computing Technologies (TZI) under the supervision of Holger Wache and Ubbo Visser, working as ontology engineer.
 - 07/2002-09/2002
Internship at the Fraunhofer Institut for Applied Mathematics (ITWM) under the supervision of Patrick Lange, working on the use of Support Vector Machines for Breast Cancer detection.
- 01/2000-08/2001
System developer and team leader for the multimedia agency Elephant Seven GmbH, work included conception and realisation of web sites for international companies.

- 04/1998-12/2000
Co-founder of the JEN.net Internet Services GmbH, work included conception and realisation of web sites, CD-ROM games, company presentations, and sales catalogues.
- 04/1995-04/1998
Studies of Communication Design at the Hamburger Technical Art School (HTK), completed with Grade Excellent. Awarded for the second-best HTK degree in 1998.
- 08/1985-06/1994
Secondary School. Degree: University Entrance Diploma
- 08/1981-06/1985
Primary School.

Research-Related Information

Research Interests

My main research interests are knowledge representation and reasoning. In particular, I am developing query answering algorithms for expressive description logics.

Organisational Activities

- Program committee member at [ECAI 2008](#), [ISWC 2007](#) and [DL 2007](#)
- Reviewer for the following conferences and workshops: [WWW 2008](#), [IJCAI 2007](#), [CADE 2007](#), [ISWC 2007](#), [ESWC 2007](#), [DL 2007](#), [RR 2007](#), [DL 2006](#), [CADE 2005](#), [ISWC 2005](#), [ESWC 2005](#), [LPAR 2005](#), [DL 2005](#), [OWL ED 2005](#), [M4M 2005](#), [ODBASE 2005](#), and [DL 2004](#)
- Reviewer for the [Journal on Data Semantics](#)

Publications

- [1] Birte Glimm. *Querying Description Logic Knowledge Bases*. PhD thesis, The University of Manchester, 2007.
- [2] Birte Glimm, Ian Horrocks, Carsten Lutz, and Uli Sattler. Conjunctive query answering for the description logic *SHIQ*. *Journal of Artificial Intelligence Research*. To Appear.
- [3] Ian Horrocks, Birte Glimm, and Ulrike Sattler. Hybrid logics and ontology languages. *Electronic Notes in Theoretical Computer Science*, 174(6):3–14, 2007. Proceedings of the International Workshop on Hybrid Logic (HyLo 2006). <http://www.cs.man.ac.uk/~horrocks/Publications/download/2007/HoGS07a.pdf>.
- [4] Birte Glimm, Ian Horrocks, and Uli Sattler. Conjunctive query entailment for *SHOQ*. In *Proceedings of the 20th International Workshop on Description Logics (DL 2007)*, 2007. <http://www.cs.man.ac.uk/~glimmbx/download/G1HS07a.pdf>.
- [5] Birte Glimm, Ian Horrocks, Carsten Lutz, and Uli Sattler. Conjunctive query answering in the description logic *SHIQ*. In *Proceedings of the Twentieth International Joint Conference on Artificial Intelligence (IJCAI 2007)*, 2007. <http://www.cs.man.ac.uk/~glimmbx/download/GHLS07a.pdf>.
- [6] Birte Glimm, Ian Horrocks, Carsten Lutz, and Uli Sattler. Conjunctive query answering in the description logic *SHIQ*. LTCS-Report LTCS-06-01, Chair for Automata Theory, Institute for Theoretical Computer Science, Dresden University of Technology, Germany, 2006. <http://www.cs.man.ac.uk/~glimmbx/download/GHLS06a.pdf>.

- [7] Birte Glimm, Ian Horrocks, and Ulrike Sattler. Conjunctive query answering for description logics with transitive roles. In *Proceedings of the 19th International Workshop on Description Logics (DL 2006)*, 2006. <http://www.cs.man.ac.uk/~glimmbx/download/G1HS06a.pdf>.
- [8] Birte Glimm and Ian Horrocks. Handling cyclic conjunctive queries. In *Proceedings of the 18th International Workshop on Description Logics (DL 2005)*, Edinburgh, Scotland, UK, July 26–28 2005. CEUR-Workshop Proceedings. <http://www.cs.man.ac.uk/~glimmbx/download/G1Ho05a.pdf>.
- [9] Jeff Z. Pan, Enrico Franconi, Sergio Tessaris, Birte Glimm, Wolf Siberski, Giorgos Stamou, Vassilis Tzouvaras, Ian Horrocks, Lei Li, and Holger Wache. Report on query language design and standardisation. Technical report, The Knowledge Web project, December 2004. <http://www.cs.man.ac.uk/~glimmbx/download/PFTG04a.pdf>.
- [10] Jeff Z. Pan, Enrico Franconi, Sergio Tessaris, Giorgos Stamou, Vassilis Tzouvaras, Luciano Serafini, Ian Horrocks, and Birte Glimm. Specification of coordination of rule and ontology languages. Technical report, The Knowledge Web project, June 2004. <http://www.cs.man.ac.uk/~glimmbx/download/PFTS04a.pdf>.
- [11] Birte Glimm and Ian Horrocks. Query answering systems in the semantic web. In *CEUR workshop proceedings of KI-2004 Workshop on Applications of Description Logics (ADL 2004)*, September 24 2004. <http://www.cs.man.ac.uk/~glimmbx/download/G1Ho04a.pdf>.
- [12] Birte Glimm. A query language for web ontologies, June 29 2004. Bachelor Report, Hamburg University of Applied Sciences, <http://www.cs.man.ac.uk/~glimmbx/download/report.pdf>.