

Curriculum Vitae

Personal Data

Birthdate: March 29, 1982
Birthplace: Meissen, Saxony, Germany
Nationality: German
Family status: unmarried



School Education

1992–1998 St.-Afra-Gymnasium Meissen
1998–2000 Werner-Heisenberg-Gymnasium Riesa with extended mathematical and scientific education
2000 Abitur, grade 1,2

Military Service, Study Preparations

2000–2001 Military Service at the General-Olbricht-Kaserne in Leipzig
2001 5 month practical work at System Service Meissen, (Web Applications, Scripting Languages, Databases)

Scientific Education

2001–2006 Study of Computer Science at TU Dresden
2005–2006 Erasmus exchange student at the University of Bristol (England), 4 master courses (each with grade "A") with focus on Machine Learning
2006 Diploma in Computer Science, grade 1,1
since 2006 PhD student at University of Leipzig

Miscellaneous

1993–2000 succesful participation at several Math Olympics:
1st (twice), 2nd (three times), 3rd (twice) price regional level,
2nd (once), 3rd (three times) price state level (Saxony),
certificate of succesful participation on country level (Germany),
7th and 9th place in team competition of special math schools
1998 fee language course (4 weeks á 20 hours) in Brighton, England
language diploma: grade "Advanced", level "Excellent"
1999 participation in German delegation at the "International Historical Forum of Youth", a 9 day meeting to support the understanding among nations in Krzyzowa and Opole (Poland)
2001 2 weeks Computer Science course (given by "Bildungswerk der Sächsischen Wirtschaft")

1 Research Projects and Groups

- ▷ AKSW - Agile Knowledge Engineering and Semantic Web (since 2006)
- ▷ DBpedia - extraction of machine understandable content from Wikipedia (since 2007)
- ▷ DL-Learner - DL-Learner is a tool for supervised Machine Learning in OWL and Description Logics (since 2007)
- ▷ OntoWiki - agile, distributed knowledge engineering (since 2006)
- ▷ SoftWiki - distributed, end-user centered requirements engineering for evolutionary software development (since 2006)

2 Publications

Journal Publications

- [HLA09] Sebastian Hellmann, Jens Lehmann, and Sören Auer. Learning of owl class descriptions on very large knowledge bases. *International Journal On Semantic Web and Information Systems*, 2009.
- [LBH08] Jens Lehmann, Sebastian Bader, and Pascal Hitzler. Extracting reduced logic programs from artificial neural networks. *Applied Intelligence*, 2008.
- [LBK⁺09] Jens Lehmann, Chris Bizer, Georgi Kobilarov, Sören Auer, Christian Becker, Richard Cyganiak, and Sebastian Hellmann. DBpedia - a crystallization point for the web of data. *Journal of Web Semantics*, 2009.

Conference Publications

- [ABK⁺08] Sören Auer, Chris Bizer, Georgi Kobilarov, Jens Lehmann, Richard Cyganiak, and Zachary Ives. DBpedia: A nucleus for a web of open data. In *Proceedings of the 6th International Semantic Web Conference (ISWC)*, volume 4825 of *Lecture Notes in Computer Science*, pages 722–735. Springer, 2008.
- [ADL⁺09] Sören Auer, Sebastian Dietzold, Jens Lehmann, Sebastian Hellmann, and David Aumüller. Triplify - lightweight linked data publication from relational databases. In *Proceedings of the 18th World Wide Web Conference (WWW)*, 2009.

- [AL07] Sören Auer and Jens Lehmann. What have innsbruck and leipzig in common? extracting semantic from wiki content. In Enrico Franconi, Michael Kifer, and Wolfgang May, editors, *Proceedings of the 4th European Semantic Web Conference (ESWC)*, volume 4519 of *Lecture Notes in Computer Science*, pages 503–517. Springer, 2007.
- [HSLA09] Sebastian Hellmann, Claus Stadler, Jens Lehmann, and Sören Auer. DBpedia live extraction. In *Proceedings of the 8th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE)*, volume 5871 of *Lecture Notes in Computer Science*, pages 1209–1223. Springer, 2009.
- [Leh07] Jens Lehmann. Hybrid learning of ontology classes. In *Proceedings of the 5th International Conference on Machine Learning and Data Mining (MLDM)*, volume 4571 of *Lecture Notes in Computer Science*, pages 883–898. Springer, 2007.
- [LH08a] Jens Lehmann and Pascal Hitzler. Foundations of refinement operators for description logics. In Hendrick Blockeel, Jude W. Shavlik, and Prasad Tadepalli, editors, *Proceedings of the 17th International Conference on Inductive Logic Programming (ILP)*, volume 4894 of *Lecture Notes in Computer Science*, pages 161–174. Springer, 2008.
- [LH08b] Jens Lehmann and Pascal Hitzler. A refinement operator based learning algorithm for the ALC description logic. In Hendrick Blockeel, Jude W. Shavlik, and Prasad Tadepalli, editors, *Proceedings of the 17th International Conference on Inductive Logic Programming (ILP)*, volume 4894 of *Lecture Notes in Computer Science*, pages 147–160. Springer, 2008.
- [LSA07] Jens Lehmann, Jörg Schüppel, and Sören Auer. Discovering unknown connections - the DBpedia relationship finder. In *Proceedings of the 1st SABRE Conference on Social Semantic Web (CSSW)*, 2007.
- [RLLA07] Thomas Riechert, Kim Lauenroth, Jens Lehmann, and Sören Auer. Towards semantic based requirements engineering. In *Proceedings of the 7th International Conference on Knowledge Management (I-KNOW)*, 2007.

Workshop Publications

- [LBH05] Jens Lehmann, Sebastian Bader, and Pascal Hitzler. Extracting reduced logic programs from artificial neural networks. In *Proceedings of the IJCAI-05 Workshop on Neural-Symbolic Learning and Reasoning, NeSy'05*, 2005.

- [RLL07] Thomas Riechert, Kim Lauenroth, and Jens Lehmann. Semantisch unterstütztes requirements engineering. In *Proceedings of the SABRE-07 SoftWiki Workshop*, 2007.

Poster Publications

- [HLA08] Sebastian Hellmann, Jens Lehmann, and Sören Auer. Learning of owl class descriptions on very large knowledge bases. In *7th International Semantic Web Conference (ISWC)*, 2008.

Demos

- [ADLR07] Sören Auer, Sebastian Dietzold, Jens Lehmann, and Thomas Riechert. Ontowiki - a tool for social, semantic collaboration. In *Proceedings of the WWW-07 Workshop on Social and Collaborative Construction of Structured Knowledge Neural-Symbolic Learning and Reasoning (CKC)*, 2007.

Theses

- [Leh06] Jens Lehmann. Concept learning in description logics, 2006. Diploma Thesis in Computer Science.

Technical Reports

- [LH07a] Jens Lehmann and Pascal Hitzler. Foundations of refinement operators for description logics. Technical report, 2007.
- [LH07b] Jens Lehmann and Pascal Hitzler. A refinement operator based learning algorithm for the ALC description logic. Technical report, 2007.
- [LH09] Jens Lehmann and Christoph Haase. Ideal downward refinement in the el description logic. Technical report, 2009.

3 Programm Committee, Reviewing

- ▷ reviewer Journal of Web Semantics 2007
- ▷ PC member
- ▷ reviewer International Journal of Metadata, Semantics and Ontologies (IJMSO) 2008

- ▷ reviewer Journal of Web Semantics 2009
- ▷ reviewer Journal of Information Technology Research (JITR) 2009
- ▷ PC member
- ▷ reviewer
- ▷ reviewer European Semantic Web Conference (ESWC) 2007
- ▷ reviewer International Joint Conference on Neural Networks (IJCNN) 2007
- ▷ PC member SABRE Conference on Social Semantic Web (CSSW) 2007
- ▷ reviewer SABRE Conference on Social Semantic Web (CSSW) 2007
- ▷ reviewer IEEE International Conference on Web Services (ICWS) 2008
- ▷ reviewer International Conference on Web Services (ICWS) 2008
- ▷ PC member I-Semantics (IS) 2008
- ▷ PC member European Semantic Web Conference (ESWC) 2009
- ▷ reviewer European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD) 2009

4 Seminars and Teaching

- ▷ research seminar of the chair of Business Information Systems, since 2006
- ▷ seminar "Softwareproduktlinienentwicklung und Semantic Web", 2008/09
- ▷ seminar "Semantische Unterstützung von Software Entwicklungsprozessen", 2007/08
- ▷ seminar "Semantic Web Applications", 2007
- ▷ seminar "Semantic Web Services and Interfaces", 2006/07

5 Supervision

- ▷ Vu Duc Minh, bachelor thesis, 2008
- ▷ Lorenz Bühmann, bachelor thesis, 2008
- ▷ Christian Kötteritzsch, bachelor thesis, 2008
- ▷ Maria Moritz, bachelor thesis, 2008 (with Sebastian Dietzold)
- ▷ Sebastian Knappe, diploma thesis, 2007/2008
- ▷ Tilo Hielscher, bachelor thesis, 2007/2008
- ▷ Ruslan Masold, bachelor thesis, 2007/2008
- ▷ Tom Weiland, bachelor thesis, 2007/2008
- ▷ Rolland Brunec, bachelor thesis, 2007/2008
- ▷ Sebastian Hellmann, diploma thesis, Comparison of Concept Learning Algorithms, 2007/2008
- ▷ Fan Zhang, bachelor thesis, 2007
- ▷ Anke Gonschorreck, bachelor thesis, 2007
- ▷ Jörg Schüppel, diploma thesis, Semantikextraktion aus Wikipedia, 2006/2007 (with Sören Auer)

In addition, the work of many student assistants was supervised.