

Kathrin Dentler

Education

- 2007–2009 **Master of Science in Artificial Intelligence (cum laude)**, *Vrije Universiteit Amsterdam*, specialised in Knowledge Technology and Intelligent Internet Applications.
- 2002–2006 **Bachelor of Science in Computer Science**, *Fernuniversität Hagen*.

Master Thesis

- Title *Semantic Web Reasoning by Swarm Intelligence*
- Supervisor Stefan Schlobach & Christophe Guéret
- Description Semantic Web reasoning systems are confronted with the task to process growing amounts of distributed, dynamic resources. The thesis presents a novel way of approaching the challenge by RDF graph traversal, exploiting the advantages of Swarm Intelligence.
- Remarks Contribution to the 5th International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS2009). More information available at <http://beast-reasoning.net>.

Work Experience

- 2001–2009 Self-employed co-founder of a start-up, media planner, web developer (especially applications supported by data-bases) and web designer.

Skills

Semantic Web, Intelligent Internet Applications, Web 2.0, Web 3.0, Knowledge Management, Reasoning, Information Retrieval, Ontologies, Data Mining, Multi-Agent Systems, Evolutionary Computing, Java, C#, Python, Prolog, XML, RDF/S, OWL, SPARQL, Web Services, SOAP, CSS, PHP, (X)HTML, JavaScript, Ajax, Databases, UML.

Languages

- German first language
- English fluent
- Spanish advanced
- Dutch intermediate, currently working on improvement

Personal Interests

- x Actively enjoying nature
- x Chess
- x Books