

# CERTIFICATE

**Ingo Boersch**

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has successfully completed

**Semantic Web Technologies**

by Dr. Harald Sack

The course covered technical and conceptual foundations of the Semantic Web. Addressed topics include:

- the basic architecture and applied technologies
- knowledge representation with W3C standards such as RDF, RDF Schema, OWL, and rules
- storing RDF data in triple stores and using SPARQL to query RDF data
- publishing Linked Data and semantic annotation of webpages using RDFa and microdata
- foundations of Description Logics and reasoning
- Semantic Web based applications, such as Named Entity Mapping and Semantic Search

Total result (homework and final exam):

183 out of 183 possible points (100%)

The candidate is part of the top 5% of the class.

Potsdam, April 09, 2013



Prof. Dr. Christoph Meinel  
Head of openHPI



Dr. Harald Sack  
Course Instructor

openHPI is the educational Internet platform of the Hasso Plattner Institute (HPI) for Software Systems Engineering. The HPI is affiliated with the University of Potsdam and offers a practical and engineering-oriented study program in IT Systems Engineering.