

## **Dr. Helmut Horacek**

German Research Center for AI



19.12.1956    born in Vienna  
1975 - 1979    Study of computer science at Technical University of Vienna  
1979 - 1982    Dissertation studies, thesis about computer chess  
1982 - 1984    Research at Department of Medical Cybernetics und Artificial Intelligence,  
University of Vienna.  
1985 - 6/1987    Researcher at Forschungsstelle für Informationswissenschaft und Künstliche  
Intelligenz, University of Hamburg  
7/1987-1988    Researcher at Department of Computer Science, University of Hamburg  
1989-1995    Assistent professor for computational linguistics, University of Bielefeld.  
1992            DFG-funded congres- and presentation trip to USA and Canada,  
1995-1996    Working for DFKI (German Research Center for Artificial  
Intelligence), Saarbrücken  
10/1995-7/1996    Temporary associate professor for Information systems, University  
of Constance  
8/1996-        2006    Researcher computer science department, Saarland University  
12/1999        Habilitation at Saarland University,  
                  „On Bridging the Gap Between Lexical and Conceptual Representations“  
                  Venia legendi: „Künstliche Intelligenz“.  
since Oct. 2003    Lecturer for the Computational Linguistics Department:  
since 2010 Guest researcher at DFKI (German Research Center for AI)

Research topics include:

computer chess,  
intelligent search techniques,  
natural language generation,  
natural language access to intelligent reasoning systems,  
explanations,  
presentation of mathematical proofs,  
intelligent tutoring systems,  
computational models of natural argument

Lectures held include

„Natural Language Generation“,  
“Inferences in Artificial Intelligence and Computational Linguistics”,  
“Knowledge Representation and Domain Ontologies”,  
“Search Methods in Natural Language Processing”,  
„Intelligent Tutoring Systems“,  
„Discourse Phenomena“.

Principal organizer of NLDB conferences 2009, 2020, 2021