

Curriculum Vitae

Axel Florian Polleres

May 15, 2019

Prof. Dr. Axel Polleres (<http://www.polleres.net/>) is a full professor working in the area of Data and Knowledge Engineering heading the Institute of Information Business of Vienna University of Economics and Business (WU Wien); he is also a faculty member of the Complexity Science Hub Vienna. Axel obtained his Ph.D. (Computer Science, 2003) and Habilitation (venia docendi in the subject of “Information Systems”, 2011) from Vienna University of Technology. He further worked at University Innsbruck (2003-2006), at Universidad Rey Juan Carlos, Madrid (2006-2007), and at the Digital Enterprise Research Institute (DERI) at the National University of Ireland, Galway, (2007-2011) as project leader, lecturer and leader of DERI’s Semantic Search research stream. Between 2011 and 2013 Dr. Polleres worked in Siemens AG’s Corporate Technology Research division as senior research scientist, before joining WU Wien; between Jan 2018 and Jun 2018 Axel also was appointed Visiting Professor at Stanford University, working with the Stanford Center for Biomedical Informatics Research (BMIR). His research focuses on intelligent Data Management, Data Science, Semantic Web and Artificial Intelligence, querying on reasoning about ontologies, logic programming, Web services, knowledge management, Linked Open Data, configuration technologies and their applications. He has worked in several European and national research projects in these areas, has held regular courses at different universities and has supervised students at all levels.

Dr. Polleres has published more than 180 (i.e., over 180 DBLP listed¹) articles in journals (e.g. in TPLP, JAIR, Artificial Intelligence, ACM TOCL, Applied Ontology, KAIS, IJSWIS, IEEE IS, SWJ, JWS, WWWJ, JoDS, etc.), books, conference proceedings (e.g., in WWW, IJCAI, AAI, ISWC, ESWC, etc.), as workshop contributions and has co-authored a book on Semantic Web Services. His work is highly cited with an h-index of 53.² He has co-organised several international conferences and workshops in the areas of logic programming, Semantic Web, data management, Web services and related topics and acts/acted as editorial board member for JWS, SWJ and IJSWIS. He gave invited talks and tutorials at various institutions and at international conferences (including, e.g., the renowned AI Seminars at SRI in Palo Alto or Oxford University), served in programme committees of several international conferences and workshops, such as for instance WWW, IJCAI, AAI, ISWC, PODS, ESWC, AAMAS, etc. He actively contributed to international standardization efforts such as the W3C’s RDF, Rule Interchange Format (RIF), Web Ontology Language (OWL), and RDB2RDF working groups, co-chaired the W3C SPARQL working group, and currently represents WU Wien in W3C’s Advisory Committee.

¹cf. <http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/p/Polleres:Axel.html>

²according to Google Scholar (<http://scholar.google.com/citations?user=R-SmVOYAAAAJ&hl=en>)