CV Werner Nutt

Employment

2005–date	Free University of Bozen-Bolzano, Full Professor
	Vice-Rector Research (2006–2008), Vice-Dean Computer Science (2012–2015)
2000–2005	School of Mathematics and Computer-Science, Heriot-University, Edinburgh
	Senior Lecturer (2000-2005), Reader (2005)
1997–2000	Institute of Computer Science, Hebrew University of Jerusalem, Israel
	Visiting Associate Professor (1997–1998 full time, 1999– 2000 part time)
1992–2000	German Research Center for Artificial Intelligence (DFKI), Saarbrücken
	Research Scientist (1992–1997), Senior Research Scientist (1997–2000)
	(with leaves of absence for positions as visiting professor)
1988–1991	German Research Center for Artificial Intelligence (DFKI), Kaiserslautern
	Research Scientist

Education

2001	Habilitation Informatik, University of the Saarland, Saarbrücken, Germany
1994	PhD in Computer Science, University of the Saarland

Visiting Positions and Consultancies

2002–2003	Tecnomatix, Herzliya, Israel, Consultancy on Production Planning Systems
1998	INRIA, Rocquencourt, France, Visiting Researcher
1996	Department of Computer Science, University of Ulm, Germany
	Acting Assoc. Professor (Professurvertretung)
1995	Institute of Computer Science, Hebrew University, Jerusalem, Visiting Researcher
1993	AT&T Bell Laboratories, Murray Hill, New Jersey, USA, Visiting Researcher
1992	IBM Thomas J. Watson Research Center, Dept of Mathematics, Yorktown Heights, USA,
	Visiting Researcher

Awards and Honours

2007–2010	Heriot-Watt University, Honorary Professor
2018	International Conference on Businiess Process Management BPM'18
	Best Paper Award
1991	International Joint Conference on Artificial Intelligence IJCAI'91,
	Outstanding Paper Award

PhD Graduates (Selection)

- Sara Cohen, 2003, full professor at Hebrew University of Jerusalem, Israel
- Alasdair Gray, 2007, associate professor at Heriot-Watt University
- Evgeny Kharlamov, 2011, associate professor at University of Oslo
- Simon Razniewski, 2014, senior researcher at Max Planck Institute for Informatics, Germany
- Fariz Darari, 2017, assistant professor at Universitas Indonesia, Djakarta

Professional Service

2005–date	Engineering and Physical Sciences Research Council (EPSRC), UK,
	Member of the College of Reviewers
2009–2015	Member/substitute member of the Technical Committee of the Province of Bolzano
	Evaluation of proposals for research and development projects

Recent Program Committee Memberships (Selection):

> British (Inter)National Conference on Databases: 2011, 2013, 2017
> International Conference on Cooperative Information Systems: 2011, 2012, 2013, 2014
> International Conference on Information and Knowledge Management: 2011, 2014, 2015, 2016
> International Joint Conference on Artificial Intelligence: 2013
> International Conference on Data Engineering: 2018, 2019

Reviewer of Research Projects:

> EPSRC (UK), FET and IST (European Union)

Reviewer of Project Proposals:

> FWF–Austrian Science Fund; FWO–Research Foundation Flanders; MIUR–Ministero dell'Istruzione, dell'Università e della Ricerca, Italy; EPSRC–Engineering and Physical Sciences Research Council, UK; Agence Nationale de la Recherche, France; FET-Future and Emerging Technologies, European Union; Vetenskapsradet (Swedish Research Council)

Selected Grants

2017–2020   *Collaborative Construction Process Management (COCkPiT).*
            Funded by European Fund for Regional Development (Euro 747,700)
2012–2016   *Managing Completeness of Data (MAGIC).*
            Funded by Autonomous Province of Bolzano-South Tyrol (Euro 248,000)
2004–2007   *Managing Grids containing Information and Kowledge that are Incomplete (MAGIK-I).*
            Funded by EPSRC, UK (£ 125,000).
2002–2003   *Distributed Information Services for the Grid (DIS4G).*
            Funded by Engineering and Physical Sciences Research Council (EPSRC), UK (£ 80,000)
1996–1999   *Foundations of Data Warehouse Quality (DWQ).*
            Funded by EU (Euro 225,000)

Publications (Selection)

120 refereed publications on DBLP, H-index of 35 on Google Scholar

1. F. Darari, W. Nutt, G. Pirrò, S. Razniewski. "Completeness Management for RDF Data Sources." *ACM Transactions on the Web.* **12**(3) 2018, pp. 18:1–18:53
2. A. Bonifati, W. Nutt, R. Torlone, J. Van den Bussche. "Mapping-equivalence and oid-Equivalence of Single-function Object-creating Conjunctive Queries." *VLDB Journal.* **25**(3) 2016, pp. 381–397
3. S. Abiteboul, T-H.H. Chan, E. Kharlamov, W. Nutt, P. Senellart. "Capturing Continuous Data and Answering Aggregate Queries in Probabilistic XML." *ACM TODS.* **36**(4) 2011, 45 pages
4. E. Marengo, W. Nutt, M. Perktold. "Construction Process Modeling: Representing Activities, Items and Their Interplay." *Int. Conf. Business Process Management (BPM'18)* 2018, 48–65 (Best Paper Award)
5. R. Eko Prasojo, M. Kacimi, W. Nutt. "StuffIE: Semantic Tagging of Unlabeled Facets Using Fine-Grained Information Extraction." *CIKM* 2018, pp. 467–476
6. S. Razniewski, V. Balaraman, W. Nutt. "Doctoral Advisor or Medical Condition: Towards Entity-Specific Rankings of Knowledge Base Properties." *ADMA* 2017, pp. 526–540
7. O. Savkovic, E. Marengo, W. Nutt. "Query Stability in Monotonic Data-aware Business Processes." *19th International Conference on Database Theory, (ICDT'16),* pp. 16:1-16:18.
8. R. Eko Prasojo, M. Kacimi, W. Nutt. "Entity and Aspect Extraction for Organizing News Comments." *CIKM'15),* pp. 233–242
9. S. Razniewski, F. Korn, W. Nutt, D. Srivastava. "Identifying the Extent of Completeness of Query Answers over Partially Complete Databases." *2015 ACM SIGMOD International Conference on Management of Data, (SIGMOD'15),* pp. 561–576.
10. F. Darari, W. Nutt, G. Pirrò, S. Razniewski. "Completeness Statements about RDF Data Sources and Their Use for Query Answering." *12th Int'l Semantic Web Conference, (ISWC'13),* pp. 66–83.