Curriculum Vitae
(Abstract)

Prof. Dr. rer. nat. habil. Jürgen Dix *

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Abstract

This is a two pages CV focussing on recent developments (2000-2004). More activities and an updated publication list (as well as postscript- or pdf- files of most of the papers) can be accessed from my homepage which is weekly updated.

Since 2004, Jürgen Dix is Full Professor (*Chair for Computational Intelligence and Theory*) at the Technical University of Clausthal (Dipl.-Math. in 1986 (University of Heidelberg), Dr. rer.-nat. in 1992 (TU Karlsruhe), Univ.-Doz. (habilitation) in 1996 (TU Vienna)), member of the Institute of Information Systems at TU Vienna (Austria) and honorary member of the Department of Computer Science at Victoria University of Manchester (United Kingdom).

He worked since 1989 in several areas of *Computational Logic* (nonmonotonic reasoning, logic programming, deductive databases, knowledge representation) and, since 1998, also in *Multi-Agent Reasoning*. He has published more than 140 papers and gave more than 50 invited talks/tutorials (USA, UK, Australia, Argentina, France, Austria, Poland). He has co-authored two monographs (MIT Press and Cambridge University Press), co-edited eight books (Springer LNCS) and six special issues of Annals of Mathematics and AI. He was (and still is) coordinating node for CompuLog, CoLogNet and AgentLink. He is involved in the WASP project, a European network on answer set programming and is member of the *American Association of Artificial Intelligence*, and the *Association of Computing Machinery*.

Among the key achievements of his work in the past five years are the foundations of logic-based heterogenous agent systems and contributions to computational logic (deductive databases). He has led a range of successful projects (ca. 1 Mio €) and organised 10 international conferences and workshops. He is on the programme committees of most conferences in computational logic, on the steering committees of LPNMR, JELIA and CLIMA, and on the Editorial Boards of several journals.

*Other affiliations: member of the Institute for Informationsystems, TU Vienna and honorary member of the Department of Computer Science, Victoria University of Manchester.

Name: Jürgen Dix

Degrees:

1979 Abitur	Gutenberg Gymnasium (Wiesbaden), **1.0**
1986 Dipl.-Math.	Mathematics/Physics, (Heidelberg), **outstanding**
1992 Dr. rer.-nat.	CS Department, TU Karlsruhe, **Summa cum Laude**
1996 Univ.-Doz.	CS Department, TU Vienna

Career Review:

1987-1993	Research Scientist (BAT IIa), TU Karlsruhe (Germany)
1994-2000	Assistant Professor (C1), Koblenz (Germany)
1999	Visiting Professor at University of Maryland, College Park (USA)
2000-2004	Reader for Knowledge Representation and Reasoning, Manchester (UK)
2004	Full Professor for Computational Intelligence (W3), Clausthal (Germany)

Professional Activities:

since 1995	Editorial Board of AI Communications
since 1996	various longer stays abroad (USA, Austria, Argentina, France)
since 1996	Organiser of 16 and PC member of 34 international workshops and conferences
since 1999	4 invited talks at International Conferences
since 1999	21 invited talks (not counting paper presentations at conferences)
since 2000	Expert Evaluator within 5th Framework Programme of European Commission
since 2000	Member of Steering committees of LPNMR-, JELIA-, CLIMA-conferences
since 2001	Expert Evaluator for the Italian Ministry of Information
since 2001	Coordinating Node of Agentlink Network of Excellence (node Manchester)
since 2001	Editorial Board of Annals of Mathematics and AI
since 2002	Expert Evaluator for the British Council in Poland
since 2003	Editorial Board of Journal of Applied Logic

Grants:

1995–2000	Disjunctive Logic Programming (400.000 €, DFG)
since 2001	Optimizations of MAS (£ 65.000, EPSRC)
since 2002	Semantic Webs and Agents in integrated Economies (European Project) (110.000 €)
1998–2002	Defeasible Reasoning and Logic Programming (15.000 €)
since 2002	Answer Set Programming (European Project, 23.000 €)
1999–2003	Intelligent Information Extraction and WEB Querying (DFG, 150.000 €)

Teaching:

1998	Knowledge Representation and Logic Programming (March/April) Universidad Nacional del Sur, Bahia Blanca, Argentina
1999	Algorithms and Datastructures CMS351 (Spring Semester), University of Maryland at College Park, USA
2000	Multi-Agenten Systeme, (SS 2000), TU Wien, Austria
2000	Multi-Agent Reasoning, (Sept/Oct.), Universidad Nacional del Sur, Bahia Blanca, Argentina
2001	Heterogenous Agents, (Oct. 2001), Ushuaia, Argentina
2002	CS3172 Advanced Algorithms, University of Manchester
2002	Programming Multi-Agent Systems, (Aug. 5-16) European Summer School in Logic Language and Information, Trento, Italy
2003	CS3172 and CS616 Knowledge Representation and Reasoning University of Manchester
2003	Multi Agent Systems, Planning and Answer Set Programming, (July/August) Post Graduate course, The University of New South Wales, Sydney, Australia

Publications:

total:	160	15 books and invited chapters in books, 44 in Journals, 7 invited tutorials, 44 in refereed conferences
since 1999:	30	15 journal papers (10 in the highest calibre journals) 3 books, 4 special journal issues, 2 invited chapters in books
DBLP count:	80	
Citeseer :	3344	(most cited author in the department)

Selected Publications (2000-2004): (LP, Agent Systems, Planning)

J. Dix, S. Brass, T. Przymusinski (2004):
Super Logic Programs.
ACM Transactions of Computational Logic, 5(1)*126–179.

J. Dix, S. Kraus, VS Subrahmanian (2004):
Heterogenous Temporal Probabilistic Agents.
ACM Transactions of Computational Logic, 5(3).

J. Dix, Th. Eiter, M. Fink, A. Polleres, Y. Zhang (2003):
Monitoring Agents using Declarative Planning.
Fundamenta Informaticae, 57(2–4):345–370.

J. Dix, C. Chesnevar, F. Stolzenburg, G. Simari (2003):
Relating Defeasible and Normal Logic Programming through Transformation Properties.
Theoretical Computer Science, 290(1)*499–529.

J. Dix, H. Munoz-Avila, D. Nau, L. Zhang (2003):
IMPACTing SHOP: Planning in a Multi-Agent Environment.
Annals of Math and AI, 37(4)*381–407.

S. Brass, J. Dix, I. Niemelae, T. Przymusinski (2001):
On the Equivalence of the STATIC and disjunctive
Well-founded Semantics and their Computation.
Theoretical Computer Science, 258(1-2)*523-553.

J. Dix, S. Kraus, VS Subrahmanian (2001):
Temporal Agent Reasoning.
Artificial Intelligence, 127(1)*87–135.

J. Dix, M. Osorio, C. Zepeda (2001):
A General Theory of Confluent Rewriting Systems for Logic Programming and its Applications.
Annals of Pure and Applied Logic, 108(1-3)*153-188.

J. Dix, M. Nanni, VS Subrahmanian (2000):
Probabilistic Agent Reasoning.
ACM Transactions of Computational Logic, 1(2)*207–245.

J. Dix, G. Pick, VS. Subrahmanian (2000):
Meta Agent Programs.
Journal of Logic Programming, 46(1-2)*1–60.