

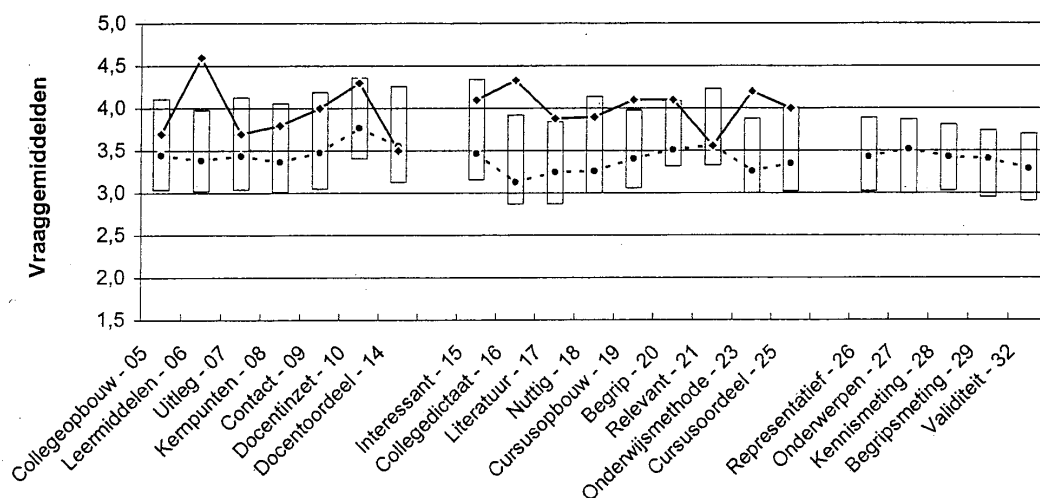
# CURRICULUM VITA

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## RESEARCH AND TEACHING EXPERIENCE

- March 2000-present: Postdoctor  
 Department of Computer Science  
 Vrije Universiteit Amsterdam  
 Research: Intelligent Multimedia Technology  
 Teaching: Multimedia Authoring II (2002 Fall, 2001 Fall).  
 Evaluation Report for 2002 Fall:



Intelligent Information Agents I-II, Practical work (2002, 2001, 2000)

- 1995-March 2000: Research Fellow.  
 Department of Computer Science  
 Queen Mary and Westfield College  
 University of London  
 Research: Agent Technology

Teaching: Intelligent System I, an introductory course in Artificial Intelligence which concentrates on key themes: search, knowledge representation and reasoning, and logic programming

- 1991-1994: Research assistant (OIO)  
University of Amsterdam  
Center for Computer Science in  
Organization and Management  
Research: Artificial Intelligence and Logics
- 1989-1991: Visiting scholar  
University of Amsterdam  
Department of Computer Science  
Research: Theoretical Computer Science and logic
- 1986-1988: Assistant professor  
Zhenjiang Chuanbo University, Department of Computer Science, China  
Teaching: Logic programming, theory and system of database, discrete mathematics  
Research: deductive databases and information system, logic programming
- 1982-1984: Assistant lecturer  
Computing Center, Northeastern University, Harbin, China  
Research: information systems and their implementations  
Teaching: introduction to computer science

## **Education**

- 1991-1994: Ph. D.  
Center for Computer Science in  
Organization and Management  
University of Amsterdam, The Netherlands.
- 1984-1986: Master of Computer Science  
Dept. of Computer Science  
Harbin Engineering University, Harbin, China  
Speciality: logic programming and deductive databases
- 1978-1981: Bachelor of Computer Science  
Dept. of Computer Science  
Harbin Engineering University, Harbin, China

## Programme/organising committee memberships

- EurAsian Workshop on Agents for Information Management (AIM2002), Shiraz, Iran, 2002.
- IJCAI'99 Workshop on Practical Reasoning and Rationality (PRR'99) , Stockholm, 1999.
- The 1998 Workshop on Distributed Artificial Intelligence (DAI'98), Brisbane, Australia, 1998.
- ECAI'98 Workshop on Practical Reasoning and Rationality (PRR'98), Brighton, 1998.
- The 2nd Workshop on Practical Reasoning and Rationality (PRR'97), Manchester, 1997.

## Reviewing (Selected)

- The Second International Joint Conference on Autonomous Agents & Multi Agent Systems (AAMAS2003)
- The 16th International Conference. on. Industrial & Engineering Applications. of. Artificial Intelligence and Expert Systems (IEA AIE 03)
- The 2002 European Conference of Artificial Intelligence (ECAI 2002)
- Journal of Cognitive Science Quarterly, special issue on "Desires, goals, intentions, and values: Computational architectures", 2002.
- the 7th Association Information Management Conference (AIM2002)

## PUBLICATIONS

### JOURNALS and BOOK CHAPTERS

1. **Zhisheng Huang**, Anton Eliens, and Cees Visser, STEP: a Scripting Language for Embodied Agents, in: Helmut Prendinger and Mitsuru Ishizuka (eds.), *Life-like Characters, Tools, Affective Functions and Applications*, Springer-Verlag, 2003.
2. Mehdi Dastani, **Zhisheng Huang** and Leendert van der Torre, Dynamic desires In Simon Parsons, Piotr Gmytrasiewicz, and Michael Wooldridge (eds) *Game Theory and Decision Theory in Agent-Based Systems*, Volume 5 of multiagent systems, artificial societies and simulated organizations, Kluwer, 2002.
3. John Bell, and **Zhisheng Huang**, Seeing is Believing: A common sense theory of the adoption of perception-based beliefs, *Journal of Artificial Intelligence for Engineering Design, Analysis and Manufacturing*, 1999.
4. John Bell and **Zhisheng Huang**, Dynamic Obligation Hierarchies, in: P. McNamara and H. Prakken (eds.), *Norms, Logics, and Information Systems*, IOS Press, 231-246, 1999.
5. John Bell and **Zhisheng Huang**, Safety logics, in: A. Hunter and S. Parsons (eds.), *Applications of Uncertainty Formalisms*, LNAI1455, Springer, 1998, 427-445.
6. **Zhisheng Huang** and Michael Masuch, The logic of permission and obligation in the framework of ALX3: how to avoid the paradoxes of deontic logics, *Journal of Logique and Analyse* 149, 1997.
7. John Bell and **Zhisheng Huang**, Dynamic goal hierarchies, in: L. Cavedon, A. Rao, W. Wobcke (eds.), *Intelligent Agent Systems, Theoretical and Practical Issues*, LNAI 1209, Springer, 1997, 88-103.
8. **Zhisheng Huang**, Michael Masuch, Laszlo Polos, ALX: an action logic for agents with bounded rationality, *Journal of Artificial Intelligence* (1996) 75-127.

9. Michael Masuch, **Zhisheng Huang**, A logical deconstruction of organizational action: formalizing J. D. Thompson's Organization in Action in a multi-agent action logic, *Journal of Computational and Mathematical Organization Theory* 2 (1996) 71-114.
10. **Zhisheng Huang**, Michael Masuch, Laszlo Polos, A preference logic for rational actions, in: R. Blanning and D. King, (eds.), *Artificial Intelligence in Organization Design, Modeling and Control, Systems series*, IEEE Computer Society Press (1996).
11. **Zhisheng Huang**, New advances in reasoning about knowledge, *Computer Science*, (1994) 3 49-52(in Chinese).
12. **Zhisheng Huang**, Michael Masuch, Reasoning about actions, *Computer Science*, (1993) 3 7-13. (in Chinese).
13. Sieger van Denneheuval, Karen Kwast, **Zhisheng Huang**, Peter van Emde Boas, A survey of the rule language RL/1, *Journal of Computer Science and Technology* (1993) 8 92-96.
14. **Zhisheng Huang**, Autoepistemic logic and non-monotonic reasoning, *Computer Science*, (1992) 4 9-13. (in Chinese).
15. Sieger van Denneheuvel, Karen Kwast, **Zhisheng Huang**, Normal form for PCSJ expressions, *Journal of Zhenjiang Chuanbo University* (1991) 5 58-69.
16. **Zhisheng Huang**, Theory and methods of belief revision, *Computer Science*, (1991) 6 12-16. (in Chinese).
17. **Zhisheng Huang**, General epistemic logic and its problems, *Philosophical Research*, (1990) 5 91-93 (in Chinese).
18. **Zhisheng Huang** and Liu Daxin, A deductive database based on von Neumann architecture, *Journal of Harbin Engineering*, (1986) 1(in Chinese).
19. **Zhisheng Huang**, Controlling strategy of HPROLOG, *Journal of Harbin Engineering University*, (1986) 3 (in Chinese).
20. **Zhisheng Huang**, Searching approach of two-level deductive database, *Journal of Zhenjiang University Chuanbo*, (1986) 2 (in Chinese).

## CONFERENCE (Selected)

1. **Zhisheng Huang**, Anton Eliëns, and Cees Visser, XSTEP: a Markup Language for Embodied Agents, Proceedings of the 16th International Conference on Computer Animation and Social Agents (CASA'2003), IEEE Press, 2003.
2. Anton Eliëns, Claire Dormann, **Zhisheng Huang**, and Cees Visser, A framework for mixed media -emotive dialogs, rich media and virtual environments, Proceedings of the 1st international conference on technologies for interactive digital storytelling and entertainment, March 24-26, 2003, Darmstadt, Germany.
3. **Zhisheng Huang**, Anton Eliëns, and Cees Visser, Implementation of a Scripting Language for VRML/X3D-based Embodied Agents, Proceedings of the 2003 Web3D Conference, ACM Press, 2003.
4. Jan Broersen, Mehdi Dastani, **Zhisheng Huang** and Leendert van der Torre, Trust and commitment in dynamic logic, Proceedings of The First Eurasian Conference on Advances in Information and Communication Technology (EurAsia ICT 2002). LNCS 2510, pages 677-684, Springer, 2002.
5. **Zhisheng Huang**, Anton Eliëns, and Cees Visser, 3D Agent-based Virtual Communities, Proceedings of the 2002 Web3D Conference, ACM Press, 2002.
6. J. Broersen, M. Dastani, **Z. Huang**, J. Hulstijn, and L. van der Torre, The BOID architecture: Conflicts between beliefs, obligations, intentions and desires, Proceedings of the Fifth International Conference on Autonomous Agents (AA2001), ACM Press, pages 9-16.

7. Broersen, J., Dastani, M. **Huang, Z.**, Hulstijn, J. and Van der Torre, L. (2001) An Alternative Classification of Agent Types based on BOID Conflict Resolution In: Proceedings of the BNAIC2001.
8. **Zhisheng Huang**, Anton Eliens, and Cees Visser Programmability of Intelligent Agent Avatars (Extended Abstract), Proceedings of the BNAIC2001, 2001.
9. **Zhisheng Huang**, Anton Eliens, and Paul De Bra, An Architecture for Web Agents, Proceedings of the Conference EUROMEDIA 2001, SCS, 2001.
10. John Bell and **Zhisheng Huang**, Safety logic II: normative safety, Proceedings of 1996 European Conference on Artificial Intelligence.
11. **Zhisheng Huang**, Michael Masuch, An Outline of ALX3, a Multi-Agent Action Logic, Proceedings of NAIC'95, 1995.
12. Zhisheng Huang, Peter van Emde Boas, Information acquisition from multi-agent resources, in: Proceedings of the 5th Conference on Theoretical Aspects of Reasoning about Knowledge, (Morgan Kaufmann, Los Altos, CA., 1994).

### WORKSHOP (Selected)

1. Anton Eliens, **Zhisheng Huang**, and Cees Visser, A platform for Embodied Conversational Agents based on Distributed Logic Programming, Proceedings of AAMAS 2002 WORKSHOP: Embodied conversational agents - let's specify and evaluate them, 2002.
2. **Zhisheng Huang**, Anton Eliens, and Cees Visser, STEP: a Scripting Language for Embodied Agents, Proceedings of the Workshop of Lifelike Animated Agents, Tokyo, 2002.
3. **Zhisheng Huang**, Anton Eliens, and Cees Visser, 3D Web Agents in Distributed Logic Programming, the Symposium on Multimodal Communication with Embodied Agents, December 7, 2001, CWI, Amsterdam.
4. **Zhisheng Huang**, Anton Eliens, and Cees Visser Programmability of Intelligent Agent Avatars, Proceedings of the Agent 2001 Workshop on Embodied Agents, Montreal, Canada, 2001.
5. **Zhisheng Huang**, Anton Eliens, Alex van Ballegooij, Paul De Bra, A Taxonomy of Web Agents, IEEE Proceedings of the First International Workshop on Web Agent Systems and Applications (WASA 2000), 2000.
6. M. Dastani, **Z. Huang** and L. van der Torre, Dynamic desires, In: Proceedings of the ICMA2000 Workshop on game-theoretic and decision-theoretic approaches to agency (GTDT'2000), Boston, 2000.
7. **Zhisheng Huang**, Michael Masuch, A multi-agent action logic for bounded rationality , Proceedings of the 1995 AAAI Spring Symposium , 1995.
8. **Zhisheng Huang** and Peter van Emde Boas, Belief dependence, revision and persistence, Proceedings of Eighth Amsterdam Colloquium, (1992) 253-270.
9. **Zhisheng Huang**, Logics for belief dependence, in: E. Borger, H. Kleine Buning, M.M. Richter, W. Schonfeld (eds.), Proceedings of the 1990 Workshop on Computer Science Logic (CSL'90), Lecture Notes in Computer Science 533, Springer-Verlag, 1991.
10. **Zhisheng Huang** and Karen Kwast, Awareness, negation and logical omniscience, in: J. van Eijck (ed.) Logic in AI, Proceedings of European Workshop on Logics in Artificial Intelligence, (JELIA'90), Lecture Notes in Computer Science 533, (Springer-Verlag, 1991) 282-300.
11. John Bell and **Zhisheng Huang**, Dynamic belief hierarchies, Proceedings of the 1997 Workshop on Practical Reasoning and Practical Rationality, 1997.

12. **Zhisheng Huang**, Dependency of belief in distributed systems, Proceedings of The 7th Amsterdam colloquium, Institute for Language, Logic and Information, University of Amsterdam, 1990.

## **OTHERS**

1. **Zhisheng Huang**, Logics for Agents with Bounded Rationality, ILLC Dissertation Series 1994-10, University of Amsterdam, 1994.
2. **Zhisheng Huang** and Michael Masuch, Reasoning about actions: a comparative survey, CCSOM paper 1991-37.
3. **Zhisheng Huang** and Peter van Emde Boas, The Schoenmakers paradox: Its solution in belief dependence framework, Institute for Logic, Language and Information, Preprint LP-1991-05, University of Amsterdam.
4. **Zhisheng Huang** and Peter van Emde Boas, Belief dependence, revision and persistence, Preprint LP-1991-06, University of Amsterdam.
5. **Zhisheng Huang**, Sieger van Denneheuvel and Peter van Emde Boas, Towards functional classification of recursive query processing, ITLI-CT-1989-11, Institute for Language, Logic and Information, University of Amsterdam.

## **EDITED PROCEEDINGS**

1. John Bell and **Zhisheng Huang** (eds.), Practical Reasoning and Rationality, Proceedings of the 1998 Workshop, Queen Mary and Westfield College, 1998.
2. John Bell, **Zhisheng Huang**, and Simon Parsons (eds.), Practical Reasoning and Practical Rationality, Proceedings of the 1997 Workshop, 1997.
3. John Bell and **Zhisheng Huang** (eds.), Practical Reasoning and Practical Rationality, Proceedings of the 1996 Workshop, 1996.

## **REFERENCES**

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