Curriculum Vitae

PERSONAL DATA

Name:	Hoogendoorn
Surname:	Mark
Sex:	Male
Office Address:	VU University Amsterdam Department of Computer Science De Boelelaan 1081a 1081 HV Amsterdam The Netherlands Phone: +31 (0) 20 598 7772 Fax: +31 (0) 20 598 7653 URL: http://www.cs.vu.nl/~mhoogen/ E-Mail: mhoogen@cs.vu.nl
Home Address:	De Hoek 28 2421 HP Nieuwkoop The Netherlands Mobile: +31 (0) 6 53922626
Date of Birth:	13th August 1979 in Nieuwkoop, The Netherlands
Marital status:	Not married
Nationality:	Dutch

EDUCATION

(01/2011 – 08/2011) Basic Course for University Lecturers.

(09/2003 – 06/2007) Ph.D. Study in Artificial Intelligence at the VU University Amsterdam, Faculty of Sciences, Department of Computer Science.

- Ph.D. Thesis: "Modeling of Change in Multi-Agent Organizations". Promotores: Prof. dr. Jan Treur and Prof. dr. Catholijn M. Jonker.
- Ph.D. Degree in Artificial Intelligence on June 18th 2007.

(08/1998 – 08/2003) Study Computer Science at the VU University Amsterdam, Faculty of Sciences, Division of Mathematics and Computer Science.

- Propedeutical degree in Computer Science in August 1999.
- Specialization: Artificial Intelligence
- Master's project "Supplier Agents within the MAGNET system". This project focussed on automated negotiation and took place at the University of Minnesota, United States under supervision of Prof. Dr. Maria Gini and Dr. Catholijn Jonker.
- Master's Degree (cum laude) in Computer Science on August 27th 2003.

(08/1996 – 08/1998) Voorbereidend Wetenschappelijk Onderwijs (VWO) at Lyceum Alkwin College in Uithoorn. Courses: Dutch, English, Mathematics-A, Mathematics-B, Physics, Chemistry, Biology and Economy-I.

(08/1991 – 08-1996) Hoger Algemeen Voortgezet Onderwijs (HAVO) at Alkwin College in Uithoorn, The Netherlands. Courses: Dutch, English, Mathematics-B, Physics, Chemistry, Biology and Economy-I.

PROFESSIONAL EXPERIENCE

(09/2007 – present) VU University Amsterdam, Department of Computer Science, Assistant Professor (09/2007 – 09/2010 UD2; 10/2010 – present UD1).

(08/2007 – 09/2007) University of Minnesota, Department of Computer Science and Engineering, Visiting Researcher.

(09/2003 – 08/2007) VU University Amsterdam, Ph.D. researcher, Research in the area of multi-agent organizations and organizational change. Promotores: Prof. Dr. Catholijn Jonker and Prof. Dr. Jan Treur.

(02/2003 – 06/2003) VU University Amsterdam, employee at the Educational Office, Responsible for making the Study guide.

TEACHING EXPERIENCE

VU University Amsterdam, Department of Computer Science:

(09/2009 – present)	Lecturer and developer of 25% of the Bachelor-level course "Integrative Modeling 2".
(09/2008 – 09/2010)	Lecturer and developer of 50% of the Bachelor-level course "Project AI".
(09/2008 – present)	Lecturer and developer of 33% of the Bachelor-level course "Laboratory Human Ambience".
(09/2008 – present)	Lecturer of the Bachelor-level course "Design of Multi-Agent Systems".
(09/2007 – present)	Coordinator of the Master-level course "Mini-Master Project".
(09/2007 – present)	Coordinator of the Bachelor-level course "AI Master Orientation".
(09/2007 – present)	Coordinator and Lecturer (25%) of the Masterclass Artificial Intelligence for high-school students.
(09/2007 – 08/2010)	Lecturer of 50% of the Master-level course "Behavior Dynamics".
(09/2007 – present)	Lecturer of the Bachelor-level course "Practical Design of Multi-Agent Systems".
(09/2007 – present)	Study advisor Artificial Intelligence Bachelor program.
(09/2007 – present)	Master coordinator Artificial Intelligence Master programs.
(09/2003 – 09/2007)	Lecturer of several parts of the bachelor courses "Design of Multi-Agent Systems" and Practical Design of Multi-Agent Systems".

GRADUATED PHD STUDENTS

(08/2007 – 09/2011)	Syed Waqar ul Qounain Jaffry

CURRENT PHD STUDENTS

Fiemke Both
Rianne van Lambalgen
Robbert-Jan Merk

PHD COMMITTEE MEMBERSHIPS

(05/2010)	Asier Aztiria (University of Mondragon, Spain)
(09/2011)	Azizi bin ab Aziz (VU University Amsterdam)

SUPERVISED MASTER STUDENTS

(06/2010 – 01/2011)	Ard Al
(02/2010 – 08/2010)	Bas Knopper
(01/2010 – 12/2010)	Ulkan Civelek
(08/2009 – 02/2010)	David Wendt
(02/2009 – 08/2009)	Jeremy Soumokil
(04/2006 – 10/2006)	Bas de Bruin

RESEARCH FUNDING ACQUIRED

(2011)	Grant for STW/Philips partnership program for Healthy Lifestyle (joint with dr. Saskia te Velde, prof. dr. Hans Brug, dr. Michel Klein, and prof. dr. Jan Treur). (€450000 for the entire project)
(2009)	Grant for EC FP7 project entitled ICT4Depression (main coordinator and contributor of application together with dr. Michel Klein in cooperation with prof. dr. Pim Cuijpers). (€2710000 for the entire consortium).
(2009)	Grant for visiting professorship for the benefit of prof. dr. Maria Gini (together with prof. dr. Maria Gini and prof. dr. Catholijn Jonker). (€18000).
(2004)	Grant S & O from the Dutch Ministry of Economic Affairs for the projects Cybernetic Incident Management (CIM) and Distributed Engine for Advanced Logistics (DEAL). (€60000).

ADMINISTRATIVE EXPERIENCE

(04/2010 – present)	Member working group to improve time writing on projects of academic staff at the VU University Amsterdam.
(09/2009 – present)	Member VPR working group, VU University Amsterdam, Department of Computer Science.
(09/2007 – present)	Member working group of all first year lecturers, VU University Amsterdam, Department of Computer Science.
(09/2007 – present)	Member working group of all study advisors VU University Amsterdam, Faculty of Sciences.

PROJECT PARTICIPATION AND COORDINATION

(2010 – present)	Project coordinator for VU University Amsterdam within the Smartbandits project (together with the National Aerospace Laboratory funded by the Royal Netherlands Airforce). The project focuses on developing intelligent virtual opponents for F16 fighter pilots.
(2010 – present)	Project leader (together with Michel Klein) and participant of the EU project ICT4Depression (with in total 7 European partners). The project focuses on intelligent support of people suffering a depression.
(2009 – present)	Participant of EU project SOCIONICAL. The project focuses on the investigation of emergent patterns among large groups of humans carrying ambient devices.
(2008 – 2010)	Participant of a project with the Royal Netherlands Navy (CAMS-ForceVision) concerning human and cooperation modelling and support in highly demanding tasks.
(2007)	Participant at the Vrije Universiteit Amsterdam of the project innovation ING (funded by ING Netherlands) on dynamically creating personalized offers for customers.
(2005 – 2010)	Participant of a project with the Royal Netherlands Navy (CAMS-ForceVision) concerning decentralizing control within component-based software systems.
(2003 – 2007)	Participant and coordinator (2004 – 2007) at the Vrije Universiteit Amsterdam of the project Cybernetic Incident Management (CIM) funded by SenterNovem (Dutch Ministry of Economic Affairs). The project focused on how to improve the current state of affairs in incident management using information technology.
(2003 – 2007)	Participant and coordinator (2006 – 2007) at the Vrije Universiteit Amsterdam of the project Distributed Engine for Advanced Logistics (DEAL) funded by SenterNovem (Dutch Ministry of Economic Affairs). The project focused on how to optimize transportation of goods using information technology.
(2004)	Participant of a project with the Royal Netherlands Navy (CAMS-ForceVision) concerning international peace keeping missions and fleet formation.

INVITED TALKS

(04/11/2009)	"Multi-Agent Organizations", Erasmus Research Institute for Management, Multi-Agent Systems PhD Workshop.
(18/03/2009)	"Modeling of Change in Multi-Agent Organizations", Erasmus Research Institute for Management, LARGE (Learning Agents Research Group at Erasmus).
(10/09/2007)	"Modeling of Change in Multi-Agent Organizations", University of Minnesota, Computer Science and Engineering Distinguished Lecture Series.

REFEREED PUBLICATIONS

(Acceptance rates are indicated in case available, the ordering of the authors is alphabetical and the contributions can be considered as equal unless explicitly indicated by an asterisk)

Books

(2007)

1. Hoogendoorn, M., Modeling of Change in Multi-Agent Organizations, Ph.D. Thesis, 2007.

Journal Publications

(2011)

1. Bosse, T., Both, F., Gerritsen, C., Hoogendoorn, M., Treur, J., Methods for Model-Based Reasoning within Agent-Based Ambient Intelligence Applications. *Knowledge-Based Systems Journal*, 2011, to appear.
2. Bosse, T., Both, F., Hoogendoorn, M., Jaffry, S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, R., Treur, J., and Vos, M. de, Design and Validation of a Model for a Human's Functional State and Performance. International Journal of Modeling, Simulation, and Scientific Computing, to appear.
3. Bosse, T., Gerritsen, C.G., Hoogendoorn, M, Jaffry, S.W., and Treur, J., Agent-Based versus Population-Based Simulation of Displacement of Crime: A Comparative Study. Web Intelligence and Agent Systems Journal, vol. 9 , 2011, pp. 147-160.
4. Bosse, T., Hoogendoorn, M., Klein, M.C.A., and Treur, J., An Ambient Agent Model for Monitoring and Analysing Dynamics of Complex Human Behaviour. Journal of Ambient Intelligence and Smart Environments, 2011, to appear.
5. Both, F., Hoogendoorn, M., Mee, A. van der, Treur, J., and Vos, M. de, An Intelligent Agent Model with Awareness of Workflow Progress. Journal of Applied Intelligence, 2011, in press.
6. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Cognitive and Neural Modeling of Dynamics of Trust in Competitive Trustees. Cognitive Systems Research, 2011, to appear.
7. Hoogendoorn, M., Jonker, C.M., and Treur, J., A Generic Architecture for Redesign of Organizations triggered by Changing Environmental Circumstances. Computational and Mathematical Organization Theory, vol. 17, 2011, pp. 119-151.
8. Hoogendoorn, M., Treur, J., Wal, C.N. van der, Wissen, A. van, Agent-Based Modelling of the Emergence of Collective States Based on Contagion of Individual States in Groups. Transactions on Computational Collective Intelligence, vol. 3, 2011, pp. 152-179.

(2009)

9. Hoogendoorn, M., and Treur, J., An Adaptive Multi-Agent Organization Model Based on Dynamic Role Allocation. International Journal of Knowledge-Based and Intelligent Engineering Systems, vol. 13, 2009, pp. 119-139.
10. Hoogendoorn, M. and Gini, M., Preferences of Agents in Decentralized Task Allocation. AI Communications, vol. 22, 2009, pp. 143-152.*
11. Hoogendoorn, M., Jonker, C.M., Treur, J., and Verhaegh, M., Agent-Based Analysis and Support for Incident Management. Safety Science Journal, vol. 47, 2009, pp. 1163-1174.
12. Hoogendoorn, M., Jonker, C.M., Maanen, P.P. van, and Treur, J., Agent-Based Analysis and Simulation of Meta-Reasoning Processes in Strategic Naval Planning. Knowledge-Based Systems Journal, vol. 22, 2009, pp. 589-599.

(2008)

13. Bosse, T., Hoogendoorn, M., Jonker, C.M., and Treur, J. A Formal Method to Analyze Human Reasoning and Interpretation in Incident Management. International Journal of Emergency Management, volume 5, 2008, pp. 164-192.
14. Hoogendoorn, M., Jonker, C.M., Maanen, P.P. van, and Sharpanskykh, A. Formal analysis of empirical traces in incident management, Reliability Engineering and Safety Systems, vol. 93, 2008, pp. 1422-1433.
15. Hoogendoorn, M., Jonker, C.M., Popova, V., and Sharpanskykh, A. Automated Verification of Disaster Plans in Incident Management. Disaster Prevention and Management, vol.17, 2008, pp. 16-32.

(2007)

16. Hoogendoorn, M., Jonker, C.M., Schut, M.C., and Treur, J., Modeling Centralized Organization of Organizational Change, Computational and Mathematical Organization Theory, vol.13, 2007, pp. 147-184.

Chapters in Proceedings

(2011)

1. Al, G..C.M. and Hoogendoorn, M., Moving Target Search using Theory of Mind. In: Boissier, O., et al. (eds.), Proceedings of the 11th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'11. IEEE Computer Society Press, 2011, to appear. [acceptance rate short papers = 49%]
2. Bosse, T., Hoogendoorn, M., Klein, M.C.A., Treur, J., and Wal, C.N. van der, Agent-Based Analysis of Patterns in Crowd Behaviour Involving Contagion of Mental States. In: K.G. Mehrotra et al. (eds.): Proceedings of the 24th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE'11, Part II. Lecture Notes in Artificial Intelligence, vol. 6704, pp. 566–577. Springer Verlag, 2011.
3. Both, F., and Hoogendoorn, M., Utilization of a Virtual Patient Model to Enable Tailored Therapy for Depressed Patients. In: Proceedings of the 18th International Conference on Neural Information Processing, ICONIP 2011. Lecture Notes in Computer Science, Springer Verlag, to appear.
4. Both, F., Hoogendoorn, M., Lambalgen, R. van, Oorburg, R., and Vos, M. de, Performance Measures to enable Agent-Based Support in Demanding Circumstances, Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience, Proceedings of the Sixth International Conference on Augmented Cognition at the 15th International Conference on Human-Computer Interaction, HCI'11. Lecture Notes in Artificial Intelligence, Springer Verlag, 2011, to appear.
5. Gini, M.L., Hoogendoorn, M., Lambalgen, R.M. van, Learning Belief Connections in a Model for Situation Awareness, In: Kinny, D., Hsu, D. (eds.), Proceedings of the 14th International Conference on Principles and Practice of Multi-Agent Systems, PRIMA'11. Lecture Notes in Artificial Intelligence, Springer Verlag, 2011, to appear.
6. Hoogendoorn, M., Jaffry, S.W., and Maanen, P.P. van., Validation and Verification of Agent Models for Trust: Independent compared to Relative Trust. Proceedings of the 5th IFIP WG 11.11 International Conference on Trust Management (TM'11), Springer Verlag, 2011, to appear.
7. Hoogendoorn, M., Jaffry, S.W., Maanen, P.P. van, and Treur, J., Modeling and Validation of Biased Human Trust. In: Boissier, O., et al. (eds.), Proceedings of the 11th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'11. IEEE Computer Society Press, 2011, to appear. [acceptance rate = 21%]
8. Hoogendoorn, M., Lambalgen, R. van, and Treur, J., An Integrated Agent Model Addressing Situation Awareness and Functional State in Decision Making. In: Kinny, D., Hsu, D. (eds.), Proceedings of the 14th International Conference on Principles and Practice of Multi-Agent Systems, PRIMA'11. Lecture Notes in Artificial Intelligence, Springer Verlag, 2011, to appear.
9. Hoogendoorn, M., Knopper, B.W., and Mee, A. v.d., An Agent-Based Architecture for Model-Based Diagnosis using Observation Cost. In: Boissier, O., et al. (eds.), Proceedings of the 11th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'11. IEEE Computer Society Press, 2011, to appear. [acceptance rate short papers = 49%]
10. Hoogendoorn, M., Lambalgen, R. van, and Treur, J., Modeling Situation Awareness in Human-Like Agents using Mental Models. In: Walsh, T. (ed.), Proceedings of the Twenty-Second International Joint Conference on Artificial Intelligence, IJCAI'11, 2011, pp. 1697-1704. [acceptance rate = 30.2%]

(2010)

11. Bosse, T., Both, F., Duell, R., Hoogendoorn, M., Klein, M.C.A., Lambalgen, R. van, Mee, A. van der, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, An Ambient Agent System Assisting Humans in Complex Tasks by Analysis of a Human's State and Performance. In: Tiwary, U.S., Siddiqui, T.J., Radhakrishna, M., and Tiwari, M.D. (eds), Proceedings of the Second IEEE International Conference on Intelligent Human Computer Interaction, IHCI'10. Springer Verlag, 2010, pp. 101-108. [acceptance rate = 21.3%]
12. Bosse, T., Hoogendoorn, M., Klein, M.C.A., and Treur, J., A Three-Dimensional Abstraction Framework to Compare Multi-Agent System Models. In: Pan, J.-S., Chen, S.-M., and Nguyen, N.T. (eds.), Computational Collective Intelligence: Technologies and Applications, Proceedings of the Second International Conference on Computational Collective Intelligence, ICCCI'10, Part I. Lecture Notes in Artificial Intelligence, vol. 6421, pp. 306-319. Springer Verlag, 2010.
13. Bosse, T., Hoogendoorn, M., Memon, Z.A., Treur, J., and Umair, M., An Adaptive Model for Dynamics of Desiring and Feeling based on Hebbian Learning. In: Yao, Y., Sun, R., Poggio, T., Liu, J., Zhong, N., and Huang, J. (eds.), Proceedings of the Second International Conference on Brain Informatics, BI'10. Lecture Notes in Artificial Intelligence, vol. 6334, Springer Verlag,

14. Both, F., Cuijpers, P., Hoogendoorn, M., and Klein, M., Towards Fully Automated Psychotherapy for Adults: BAS - Behavioral Activation Scheduling via web and mobile phone. In: Fred, A., Filipe, J., and Gamboa, H. (eds.), Proceedings of the Third International Conference on Health Informatics, HEALTHINF'10, pp. 375-380.
15. Both, F., Hoogendoorn, M., Klein, M.C.A., and Treur, J., Computational Modeling and Analysis of Therapeutical Interventions for Depression. In: Yao, Y., Sun, R., Poggio, T., Liu, J., Zhong, N., and Huang, J. (eds.), Proceedings of the Second International Conference on Brain Informatics, BI'10. Lecture Notes in Artificial Intelligence, vol. 6334, Springer Verlag, 2010, pp. 274-287.
16. Both, F., Hoogendoorn, M., Klein, M.C.A., and Treur, J., Computational Modeling and Analysis of the Role of Physical Activity in Mood Regulation and Depression. In: Wong, K.K.W., Mendis, B.S.U., Bouzerdoum, A. (eds.), Neural Information Processing: Theory and Algorithms, Proceedings of the 17th International Conference on Neural Information Processing, ICONIP'10. Lecture Notes in Artificial Intelligence, vol. 6443. Springer Verlag, 2010, pp. 270-281.
17. Ellers, J., Hoogendoorn, M., Wendt, D., An Agent-Based Modeling Approach to Investigate Emergent Patterns in Ecological Systems. In: Huang, X.J., Ghorbani, A.A., Hacid, M.S., and Yamaguchi, T. (eds.), Proceedings of the 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'10. IEEE Computer Society Press, 2010, pp. 6-13.
18. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Exploration and Exploitation in Adaptive Trust-Based Decision Making in Dynamic Environments. In: Huang, X.J., Ghorbani, A.A., Hacid, M.S., and Yamaguchi, T. (eds.), Proceedings of the 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'10. IEEE Computer Society Press, 2010, pp. 256-260.
19. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Incorporating Interdependency of Trust Values in Existing Models for Trust Dynamics. In: Nishigaki, M., Josang, A., Murayama, Y., Marsh, S. (eds.), Trust Management IV, Proceedings of the Fourth International Conference on Trust Management, TM'10. Advances in Information and Communication Technology, vol. 321. Springer Verlag, 2010, pp. 263-276.
20. Hoogendoorn, M., Klein, M., and Mogles, N. An Intelligent Support System for Diabetic Patients In: Fred, A., Filipe, J., and Gamboa, H. (eds.), Proceedings of the Third International Conference on Health Informatics, HEALTHINF'10, pp. 98-105.
21. Hoogendoorn, M., Memon, Z.A., Treur, J., and Umair, M., A Model-Based Ambient Agent Providing Support in Handling Desire and Temptation. In: Demazeau, Y., et al. (eds.), Proceedings of the 8th International Conference on Practical Applications of Agents and Multi-Agent Systems: Trends in Practical Applications of Agents and Multiagent Systems, PAAMS'10. Advances in Intelligent and Soft Computing Series, vol. 71. Springer Verlag, 2010, pp. 461-475.
22. Hoogendoorn, M., Merk, R.J., and Treur, J., An Agent Model for Decision Making Based upon Experiences Applied in the Domain of Fighter Pilots. In: Huang, X.J., Ghorbani, A.A., Hacid, M.S., and Yamaguchi, T. (eds.), Proceedings of the 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'10. IEEE Computer Society Press, 2010, pp. 101-108.
23. Hoogendoorn, M., and Soumokil, J. Evaluation of Virtual Agents Attributed with Theory of Mind in a Real Time Action Game. In: van der Hoek, Kaminka, Lesperance, Luck, and Send (eds.), Proceedings of the Ninth International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2010, pp. 59-66. [acceptance rate = 23.8%]
24. Hoogendoorn, M., Treur, J., Wal, C.N. van der, and Wissen, A. van, Modelling the Interplay of Emotions, Beliefs and Intentions within Collective Decision Making Based on Insights from Social Neuroscience. In: Wong, K.K.W., Mendis, B.S.U., Bouzerdoum, A. (eds.), Neural Information Processing: Theory and Algorithms, Proceedings of the 17th International Conference on Neural Information Processing, ICONIP'10. Lecture Notes in Artificial Intelligence, vol. 6443. Springer Verlag, 2010, pp. 196-206.
25. Hoogendoorn, M., Treur, J., Wal, C.N. van der, and Wissen, A. van, Modelling the Emergence of Group Decisions Based on Mirroring and Somatic Marking. In: Yao, Y., Sun, R., Poggio, T., Liu, J., Zhong, N., and Huang, J. (eds.), Proceedings of the Second International Conference on Brain Informatics, BI'10. Lecture Notes in Artificial Intelligence, vol. 6334, Springer Verlag, 2010, pp. 29-41.
26. Hoogendoorn, M., Treur, J., Wal, C.N. van der, and Wissen, A. van, An Agent-Based Model for the Interplay of Information and Emotion in Social Diffusion. In: Huang, X.J., Ghorbani, A.A., Hacid, M.S., and Yamaguchi, T. (eds.), Proceedings of the 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'10. IEEE Computer Society Press, 2010, pp. 439-444.

(2009)

27. Bosse, T., Duell, R., Hoogendoorn, M., Klein, M.C.A., Lambalgen, R. van, Mee, A. van der, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, An Adaptive Personal Assistant for Support in Demanding Tasks. In: Schmorrow, D.D., Estabrooke, I.V., Grootjen, M.(eds.), Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience, Proceedings of the Fourth International Conference on Augmented Cognition at the 13th International Conference on Human-Computer Interaction, HCI'09. Lecture Notes in Artificial Intelligence, vol. 5638. Springer Verlag, 2009, pp. 3-12.
28. Bosse, T., Duell, R., Hoogendoorn, M., Klein, M.C.A., Lambalgen, R. van, Mee, A. van der, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, A Multi-Agent System Architecture for Personal Support during Demanding Tasks. In: Ali, M., Chen, S.M., Chien, B.C., Hong, T.P. (eds.), Proceedings of the Twenty Second International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA-AIE 2009. Studies in Computational Intelligence, vol. 214. Springer Verlag, 2009, pp. 285-290. [acceptance rate = 47.6%]
29. Both, F., Hoogendoorn, M., Jaffry. S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, Adaptation and Validation of an Agent Model of Functional State and Performance for Individuals. In: Proceedings of 12th International Conference on Principles of Practice in Multi-Agent Systems. (PRIMA'09), Nagoya, (Japan), 2009, to appear. [acceptance rate = 55.8%]
30. Both, F., Hoogendoorn, M., Lambalgen, R. van, Oorburg, R., and Vos, M. de, Relating Personality and Physiological Measurements to Task Performance Quality. In: N.A. Taatgen and H. van Rijn (eds.), Proc. of the 31th Annual Conference of the Cognitive Science Society, CogSci'09. Cognitive Science Society, Austin, TX, 2009, pp. 2819-2825. [acceptance rate = 72%]
31. Both, F., Hoogendoorn, M., Klein, M.C.A., and Treur, J., Design and Analysis of an Ambient Intelligent System Supporting Depression Therapy. In: Luis Azevedo and Ana Rita Londral (Eds), Proceedings of the Second International Conference on Health Informatics, HEALTHINF'09. INSTICC Press, pp. 142-148.
32. Gerritsen, C. and Hoogendoorn, M., Avoidance of Norm Violation in Multi-Agent Organizations. In: Otamendi, J., Bargiela, A., Montes, J.L., Pedrera, L.M.D. (eds.), Proceedings of the 23th European Conference on Modelling and Simulation, ECMS'09. European Council on Modeling and Simulation, 2009.
33. Hoogendoorn, M., Jaffry. S.W., The Influence of Personalities upon the Dynamics of Trust and Reputation. In: Proceedings of International Symposium on Secure Computing (SecureCom'09), in conjunction with the IEEE International Conference on Privacy, Security, Risk and Trust, (PASSAT'09), IEEE Computer Society Press, 2009, pp. 263-270. [acceptance rate = 33.9%]
34. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Modelling Trust Dynamics from a Neurological Perspective. In: Proceedings of the Second International Conference on Cognitive Neurodynamics, ICCN'09. Springer Verlag, 2009.
35. Hoogendoorn, M., Jaffry, S.W., and Treur, J., An Adaptive Agent Model Estimating Human Trust in Information Sources. In: Baeza-Yates, R., Lang, J., Mitra, S., Parsons, S., Pasi, G. (eds.), Proceedings of the 9th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'09. IEEE Computer Society Press, 2009, pp. 458-465. [acceptance rate = 18%]
36. Hoogendoorn, M., Treur, J., Umair, M., An Ecological Model-Based Reasoning Model to Support Nature Park Managers. In: Chien, B.C., Ali, M., Chen, S.M., Hong, T.P. (eds.), Proceedings of the Twenty Second International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA-AIE'09. Lecture Notes in Artificial Intelligence, vol. 5579. Springer Verlag, 2009, pp. 172-182. [acceptance rate = 29.3%]

(2008)

37. Bosse, T., Gerritsen, C., Hoogendoorn, M., Jaffry, S.W., and Treur, J., Agent-Based and Population-Based Simulation of Displacement of Crime. In: Jain, L. et al. (eds.), Proceedings of the 2008 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2008), 2008, pp. 477-483. [acceptance rate = 18%]
38. Bosse, T., Both, F., Gerritsen, C., Hoogendoorn, M., and Treur, J., Model-Based Reasoning Methods within an Ambient Intelligent Agent Model. In: M. Muhlhauser, A. Ferscha, and E. Aitenbichler (eds.), Constructing Ambient Intelligence: AmI-07 Workshops Proceedings. Communications in Computer and Information Science (CCIS), vol. 11, Springer Verlag, 2008, pp. 352-370.
39. Bosse, T., Hoogendoorn, M., Klein, M., and Treur, J., A Component-Based Agent Model for Assessment of Driving Behaviour. In: F.E. Sandnes et al. (eds), Proceedings of the 5th International Conference on Ubiquitous Intelligence and Computing, UIC'08. Lecture Notes in

40. Bosse, T., Hoogendoorn, M., Klein, M., and Treur, J., An Agent-Based Generic Model for Human-Like Ambience. In: M. Muhlhauser, A. Ferscha, and E. Aitenbichler (eds.), Constructing Ambient Intelligence: AmI-07 Workshops Proceedings. Communications in Computer and Information Science (CCIS), vol. 11, Springer Verlag, 2008, pp. 93-103.
41. Both, F., Gerritsen, C., Hoogendoorn, M., and Treur, J., Model-Based Default Refinement of Partial Information within an Ambient Agent. In: M. Muhlhauser, A. Ferscha, and E. Aitenbichler (eds.), Constructing Ambient Intelligence: AmI-07 Workshops Proceedings. Communications in Computer and Information Science (CCIS), vol. 11, Springer Verlag, 2008, pp. 34-43.
42. Both, F., Hoogendoorn, M., Mee, A. v.d., Vos, M. de, An Ambient Intelligent Agent with Awareness of Human Task Execution. In: Jain, L. et al. (eds.), Proceedings of the 2008 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2008), 2008, pp. 290-295. [acceptance rate (short papers) = 44%]
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COMMITTEE MEMBERSHIPS INTERNATIONAL CONFERENCES AND EDITORSHIPS

- Guest Editor of Special Issue of Knowledge-Based Systems Journal (scheduled for fall 2012).
- Program Committee Chair of the International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA-AIE 2013).
- Program Committee Vice-Chair of the IEEE/WIC/ACM International Conference on Intelligent Agent Technology (2008).
- Special Session Chair (together with Catholijn Jonker and Jan Treur) special session on "Modeling and Support of Cognitive and Affective Human Processes" 24th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems
- Program Committee Member of the IEEE/WIC/ACM International Conference on Intelligent Agent Technology (2010, 2011).
- Program Committee Member of the International Conference on Autonomous Agents and Multiagent Systems (2008 – 2012).
- Program Committee Member of the International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (2009 – 2012).
- Program Committee Member of the International Conference on Agents and Artificial Intelligence (2009 – 2012).
- PC Member of the IEEE/WIC/ACM WI/IAT Industry Track (2011).
- PC Member of the International Conference on Electronic Commerce (2011).
- Program Committee Member of the Eleventh International Workshop on Multi-Agent Based Simulation (2010).
- Program Committee Member of the European Conference in Modeling and Simulation (2010 and 2011).
- Program Committee Member of the International Workshop on Organised Adaptation in Multi-Agent Systems (2008).
- Program Committee Member of the International Workshop on Human Factors and Computational Models in Negotiation (2008 and 2010).

SKILLS AND QUALIFICATIONS

- Languages: Dutch (mother language, fluent in oral and writing); English (fluent in oral and writing, C1-level); German (moderate in oral and writing); French (moderate in oral and writing).
- Programming Languages / Environments: Java, C/C++, Matlab.

ADDITIONAL ACTIVITIES

(08/1999 – present)	Member of several Committees at volleyball club Waterlanders in Nieuwkoop
(08/1999 – present)	Trainer of several senior volleyball teams at volleyball club Waterlanders in Nieuwkoop

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