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# Curriculum Vitae

## *Peter-Paul van Maanen*

*Last modified: November 11th 2019*

### Professional Experience

- Oct. 2017–present — Founder/Chief Technology Officer of JOA Scanning Technology B.V., Delft, The Netherlands (0.8 FTE from Jun. 2018 and 0.5 FTE upto Jun. 2018).
- Jun. 2016–present — Founder/owner/director of Intelligent Mobility Solutions B.V., Utrecht, The Netherlands (0.1 FTE upto Mar. 2019 and 0 FTE from Mar. 2019).
- Mar. 2015–May. 2018 — Research scientist and project manager (1 FTE and 0.5 FTE from Oct. 2017) at the Department of Geomodelling, *Geological Survey of the Netherlands, Netherlands Organisation for Applied Scientific Research (TNO)*, Utrecht, The Netherlands.
- Sep. 2004–Mar. 2015 — Research scientist and project manager (1 FTE) at the Department of Information Processing, Department of Human behaviour and Organisational Innovations, Department of Intelligent Interfaces, Department of Cognitive Systems Engineering, and the Department of Perceptual and Cognitive Systems, *Human Factors Research Institute, Netherlands Organisation for Applied Scientific Research (TNO)*, Soesterberg, The Netherlands.
- May 2012–Feb. 2013 — Lecturer (0.1 FTE) at the Agent Systems Research Group, *Vrije Universiteit Amsterdam*, Amsterdam, The Netherlands.
- Sep. 2007–Aug. 2011 — Researcher and lecturer (0.2 FTE) at the Agent Systems Research Group, *Vrije Universiteit Amsterdam*, Amsterdam, The Netherlands.

## Professional Experience (continued)

- Dec. 2003–Aug. 2004 — Ph.D. candidate (1 FTE) at the Agent Systems Research Group, *Vrije Universiteit Amsterdam*, Amsterdam, The Netherlands. My supervisors were Prof. Dr. Jan Treur and Dr. Tibor Bosse (*Vrije Universiteit Amsterdam*).

## Teaching

- Oct.–Dec. 2012 — Development and teaching of renewed course Behavioral Dynamics, *Vrije Universiteit Amsterdam*, Amsterdam (together with Jan Treur and Alexei Sharpanskykh).
- Apr.–May 2008–2012 — Development and teaching of new course Laboratorium Human Ambience, *Vrije Universiteit Amsterdam*, Amsterdam (together with Mark Hoogendoorn and Rianne van Lambalgen).
- Feb.–Apr. 2011 — Integrative Modelling 2, *Vrije Universiteit Amsterdam*, Amsterdam (together with Jan Treur, Tibor Bosse, Mark Hoogendoorn and Michel Klein).
- Sep. 2000–Mar. 2002 — Teaching programming and mathematics for Computer Science students as Student Assistant at the *University of Utrecht*, Utrecht, The Netherlands.

## Supervising

- 2019 — Robert Goß, 3D Threat Identification in Baggage X-Rays (Radboud Universiteit)
- 2019 — Phillip Kersten, Faster and Accurate Carry-on Baggage Screening through Automated Analysis of Security Agent’s Eye Movements (*Vrije Universiteit Amsterdam*, together with Mark Hoogendoorn)
- 2019 — Michael Accetto, Transfer Learning in Baggage X-Ray Threat Identification (*Vrije Universiteit Amsterdam*, together with Mark Hoogendoorn)
- 2018 — Nielson Janné, Speeding Up Algorithms on GPU with CUDA Programming (De Haagse Hogeschool, Delft)
- 2014–2015 — Marien Spek, Attention Allocation Support for Unmanned System Operators (Utrecht University, together with John-Jules Ch. Meyer and Selmar Smit)

## Supervising (continued)

- 2014 — Iris Renckens, Anomaly Detection in Sensor Data for Unmanned System Operators (Utrecht University, together with Selmar Smit)
- 2012–2013 — Maaïke de Boer, Development and Evaluation of Support Tool for Networked Information Exchange (Universiteit Utrecht, together with Gerard Vreeswijk)
- 2011–2012 — Armon Toubman, Adaptive autonomy in Unmanned Ground Vehicles (Vrije Universiteit Amsterdam, together with Mark Hoogendoorn)
- 2011–2012 — Corian van der Steen, Adaptive decision support based on computational models of team states (Utrecht University, together with Robbert-Jan Beun)
- 2010–2011 — Deny Raatgever, Evoking appropriate reliance on support systems using different types of adaptive advice (Utrecht University, together with John-Jules Ch. Meyer)
- 2010 — Sebastiaan Stolp and Deny Raatgever, Modeling the influence of positive and negative feedback on emotion and performance (Utrecht University, together with John-Jules Ch. Meyer)
- 2010–2011 — Sven Schomakers, Semi-automated content generation for Semantic Mediawiki (Vrije Universiteit Amsterdam, together with Mark van Assem and Michel Klein)
- 2010–2011 — Florian Keiper, Valuating EEG and Eye Gaze for detecting trust in Human-Computer Interaction (Technical University Berlin, together with Thorsten Zander and Anne-Marie Brouwer)
- 2009–2010 — Francien Wisse, Effects of Adaptive Support on Team Performance by advising Human Reliance Decision Making and Adaptive Automation (Utrecht University, together with Robbert-Jan Beun and Jurriaan van Diggelen)
- 2008 — Teun Lucassen, Cognitive models of attention (Universiteit Twente, together with Dirk Heylen and Anton Nijholt)
- 2006–2007 — Ferdi Meijerink, Synthetic Partner: The Design of a Relational Affective Agent (Universiteit Twente, together with Dirk Heylen and Anton Nijholt)

## Education

- Dec. 2003–Dec. 2010 — PhD in Artificial Intelligence, *Vrije Universiteit Amsterdam*, PhD thesis entitled “Adaptive Support for Human-Computer Teams: Exploring the Use of Cognitive Models of Trust and Attention”, supervisors: Prof. Dr. Jan Treur, Dr. Tibor Bosse, Prof. Dr. Catholijn Jonker, Dr. Egon van den Broek.
- Sep. 1998–Dec. 2003 — Bachelor and Master of Science degree (Doctorandus) in Computer Science (Informatica) on Artificial Intelligence (Technische Kunstmatige Intelligentie) *with distinction* at the *University of Utrecht*, Utrecht, The Netherlands. My master’s thesis was on *Emotion in Intelligent Agents* and my supervisors were Dr. Frank Dignum, Prof. Dr. John-Jules Ch. Meyer (Utrecht), and Prof. Cristiano Castelfranchi (Rome), for which I visited the Institute of Cognitive Sciences and Technologies in Rome for half a year. In 2000–2001 during my membership of the board of *Student Association A-Eskwadraat* (and other committees) my studies were postponed for one full year.
- Sep. 1998–Sep. 1999 — Propedeuse diploma in Computer Science (Algemene Informatica) *with distinction* at the *University of Utrecht*, Utrecht, The Netherlands.
- Sep. 1992–Jun. 1998 — Atheneum (High School) diploma at *Regionale Scholengemeenschap “t Rijks”*, Bergen op Zoom, The Netherlands. My subjects were English\*, German, French, Latin, Ancient Greek, Dutch\*, Mathematics\*, Physics\*, Economics\*, Chemistry, Musicology\*, Geography, Sociology, Drawing, Arts and crafts, Gymnastics, and History. Note that in the above a \* means I did a final exam on the subject.
- Sep. 1984–Jun. 1992 — Basisschool (Primary School) in Raamsdonksveer and Hoogerheide, The Netherlands.

## (Computer) Languages

- Native — Dutch.
- Near-native — English, C#, Matlab, Python.
- Fluent — Java, VBA, HTML, L<sup>A</sup>T<sub>E</sub>X, BibTeX.
- Near-fluent — PHP, VB, Bash, SQL, Gamemaker, CUDA.
- Moderate — German, C++, Hugs.

## (Computer) Languages (continued)

Minimal — French, Italian, Latin, Ancient Greek, ASP, Perl, Lisp, Prolog.

### Courses

- May 11, 12, 13, 17, 18 2016 — Course *Fieldwork Montfoort*, Utrecht University, Utrecht, The Netherlands.
- Mar. 30, 31,  
Apr. 1, 2, 7, 8, 10, 13,  
May 22, 23, 28 2015 — Course *Kwartairgeologie*, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands.
- May 11, 12, 13, 20, 26,  
Jun. 3, 9, 17, 22, 24 2015 — Startup masterclasses and coaching *ClimateLaunchpad*, Climate-KIC, Utrecht, The Netherlands.
- Jul. 29–31 2014 — Masterclass *Persoonlijke Effectiviteit*, Engaging Leadership, Delft, The Netherlands.
- Mar. 26, 27,  
Apr. 4, 11, 14, 25,  
May 2, 9, 16, 23,  
Jun. 6, 13, 19 2014 — Startup masterclasses and coaching *Launchlab*, Yes!Delft, Delft, The Netherlands.
- Oct. 25, 26, 27 2013 — Startup masterclasses and coaching *1-2-Launch Startup Weekend*, Yes!Delft, Delft, The Netherlands.
- Mar.–May 2012 — Course *Kwaliteit in de Schijnwerpers*, Zin in Zijn, Doorn, The Netherlands.
- Oct.–Nov. 2011 — Course *Succesvol Acquireren als Professionaal*, Boertien Training, Putten, The Netherlands.
- Apr. 9–11 2008 — International Project Management Association Course *IPMA-D: Certified Project Management Associate*, TNO, Noordwijkerhout, The Netherlands.
- Sep.–Oct. 2007 — Course *Algemene Methodologie voor Psychologie*, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands.
- Jun. 27 2007 — Course *Feedback geven en ontvangen*, HF-Morganisatiepsychologen, Soesterberg, The Netherlands.

## Courses (continued)

- Apr. 16–17 2007 — Dutch research school for Information and Knowledge Systems Advanced Course *Computational Intelligence: AI and Probability*, Zeist, The Netherlands.
- Oct. 30–31, Dec. 4 2006 — Course *Time-management: kiezen, doen en laten*, Schouten en Nelissen, Berg en Dal, The Netherlands.
- Jul. 4, Sep. 12 2006 — Course *Scientific report writing*, Overtaal, Soesterberg, The Netherlands.
- May 16, 30 2006 — Course *Gestructureerd schrijven*, Overtaal, Soesterberg, The Netherlands.
- Apr. 3–4 2006 — Dutch research school for Information and Knowledge Systems Advanced Course *Computational Intelligence*, Vught, The Netherlands.
- Mar. 15 2006 — Dutch research school for Information and Knowledge Systems Masterclass *Human Computer Interaction*, Amsterdam.
- Dec. 19–21 2005 — Dutch research school for Information and Knowledge Systems Basic Course *Formal Methods for Information Knowledge Systems*, Vught, The Netherlands.
- May 11–13 2005 — Dutch research school for Information and Knowledge Systems Basic Course *Learning and Reasoning*, Vught, The Netherlands.
- May 9–11 2005 — Dutch research school for Information and Knowledge Systems Basic Course *Combinatory Methods*, Vught, The Netherlands.
- Mar. 14–15 2005 — Course *Resultaatgerichte zelfsturing*, Winner, Noordwijkerhout, The Netherlands.
- Dec. 7–10 2004 — Dutch research school for Information and Knowledge Systems Basic Course *Information Retrieval*, Vught, The Netherlands.
- Dec. 6–7 2004 — Dutch research school for Information and Knowledge Systems Basic Course *Information & Organization*, Vught, The Netherlands.
- Nov. 2004–Apr. 2006 — Course *Experimental Psychology and Biological Psychology*, Open University, The Netherlands.
- Nov. 25 2004 — Course *Klantgericht handelen*, Boertien Training, Noordwijkerhout, The Netherlands.

## Courses (continued)

- Oct. 25–29 2004 — Course *Introduction to Warfare*, Royal Dutch Navy, Den Helder, The Netherlands.
- Jul. 5–9 2004 — *The Sixth European Agent Systems Summer School 2004*, Liverpool, UK.
- Jun. 16–18 2004 — Dutch research school for Information and Knowledge Systems Basic Course *Architectures for Information Knowledge Systems*, Vught, The Netherlands.
- Jun. 14–16 2004 — Dutch research school for Information and Knowledge Systems Basic Course *Interactive Systems*, Vught, The Netherlands.
- Mar. 1–2, 15–16, 29–30, Apr. 1 2004 — Brigitte Hertz Ph.D. Course *Succesvol promoveren en persoonlijke effectiviteit*, Bergen, The Netherlands.
- Feb. 9–11 2004 — Dutch research school for Information and Knowledge Systems Basic Course *Research methods and methodology for Information Knowledge Systems*, Lunteren, The Netherlands.

## Professional Interests

- X-Ray Inspection Quality, X-Ray Threat Identification, GPU Programming with CUDA, (Deep) Neural Networks, 3D Geological Modeling, Cone Penetration Tests, Automated Subsurface Lithoclassification, Micro Seismic Event Detection, Eye-tracking, Quality Control, Virtual Reality, Sustainability, Mobility, Cognitive Modeling, Affective Computing, Theoretical AI, Meta-Reasoning, Behavioral and Organizational Dynamics Modeling, Agent-Based Modeling, Human-Machine Cooperative Systems, Adaptive Automation, Decision Support Systems, Trust, Decision Making, Artificial Emotion, Serious Games, Chatbots, Attention, Ethical Decision Making, Stress, Augmented Cognition, Unmanned Systems, Adaptive Autonomy, Semantic Wikis, Social Media Analysis.

## Awards

- Sep. 25 2012 — TNO Idea 2012 Award for the proposal entitled “Eye and Brain Signals for Geological Model Checking?”. The prize was 25 Keuro to start a project.

## Awards (continued)

- Sep. 17 2009 — The 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2009) Best Paper Award for the paper entitled Attention Manipulation for Naval Tactical Picture Compilation.

## List of Publications

- [1] M. de Boer, P.-P. van Maanen, and G. A. W. Vreeswijk. Supporting intelligence analysts with a trust-based question-answering system. In *Proceedings of the 7th International Workshop on Human Aspects in Ambient Intelligence (HAI 2013) held in conjunction with the 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'13)*. IEEE Computer Society Press, 2013.
- [2] P.-P. van Maanen. *Adaptive Support for Human-Computer Teams: Exploring the Use of Cognitive Models of Trust and Attention*. PhD thesis, Vrije Universiteit Amsterdam, December 2010. SIKS Dissertation Series No. 2010-52.
- [3] P.-P. van Maanen and B. van der Vecht. Development and evaluation of multi-agent models of online social influence based on cialdini's principles. *Social Network Analysis and Mining*, 4(1), 2014.
- [4] P.-P. van Maanen, F. S. Busschers, A.-M. Brouwer, M. J. van der Meulen, and J. B. F. van Erp. Quality control of geological voxel models using experts' gaze. *Computers and Geosciences*, 76:50–58, 2014.
- [5] P.-P. van Maanen, B. Holleman, P. Kerbusch, R. van der Kleij, N. Smets, S. Smit, and M. Rakhorst-Oudendijk. Integration of functions within stuas operator crew on board royal netherlands navy ships. In *Proceedings of the 2014 International Conference on Unmanned Aircraft Systems (ICUAS'14)*. IEEE Computer Society Press, 2014.
- [6] P.-P. van Maanen, R. Wijn, and E. Boertjes. The effect of interventions on twitter in four target groups using different measures of influence. *Social Network Analysis and Mining*, 4(1), 2014.
- [7] O. Aarts, P.-P. van Maanen, T. Ouboter, and J. M. C. Schraagen. Online social behavior in twitter: A literature review. In *Proceedings of The Special Workshop on Social Media Analysis and Mining (SMAM)*, Brussels, Belgium, December 2012. IEEE Computer Society Press. held in conjunction with the 2012 IEEE International Conference on Data Mining (ICDM).



## List of Publications (continued)

- [8] H. Abbink, R. van Dijk, T. Dobos, M. Hoogendoorn, C. M. Jonker, S. Konur, P.-P. van Maanen, V. Popova, A. Sharpanskykh, P. van Tooren, J. Treur, J. Valk, L. Xu, and P. Yolum. Automated support for adaptive incident management (extended abstract). In R. Verbrugge, N. Taatgen, and L. Schomaker, editors, *Proceedings of the 16th Belgian-Dutch Conference on Artificial Intelligence (BNAIC-2004)*, pages 349–350, Groningen, The Netherlands, 2004. University of Groningen.
- [9] H. Abbink, R. van Dijk, T. Dobos, M. Hoogendoorn, C. M. Jonker, S. Konur, P.-P. van Maanen, V. Popova, A. Sharpanskykh, P. van Tooren, J. Treur, J. Valk, L. Xu, and P. Yolum. Automated support for adaptive incident management. In B. van de Walle and B. Carle, editors, *Proceedings of the International Workshop on Information Systems for Crisis Response and Management '04*, pages 69–74, may 2004.
- [10] E. Boertjes, B. Gerrits, R. Kooij, P.-P. van Maanen, S. Raaijmakers, and J. de Wit. Towards a social media-based model of trust and its application. In M. David Hercheui, D. Whitehouse, W. McIver Jr., and J. Phahlamohlaka, editors, *Proceedings of the 10th IFIP Human Choice and Computers International Conference (HCC10)*, volume 386 of *IFIP Advances in Information and Communication Technology*, pages 250–263, Amsterdam, The Netherlands, September 2012. Springer Verlag.
- [11] T. Bosse, W. van Doesburg, P.-P. van Maanen, and J. Treur. Augmented metacognition addressing dynamic allocation of tasks requiring visual attention. In Dylan D. Schmorow and Leah M. Reeves, editors, *Proceedings of the Third International Conference on Augmented Cognition (ACI) and 12th International Conference on Human-Computer Interaction (HCI'07)*, volume 4565 of *Lecture Notes in Computer Science*. Springer Verlag, 2007.
- [12] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. An interface agent for attention manipulation (extended abstract). In K. Decker, J.S. Sichman, C. Sierra, and C. Castelfranchi, editors, *Proceedings of the Eighth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS'09)*. ACM Press, May 2009.
- [13] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. Automated visual attention manipulation. In L. Paletta and J. K. Tsotsos, editors, *Proceedings of WAPCV'08, Attention in Cognitive Systems*, volume 5395 of *Lecture Notes in Computer Science*, pages 257–272. Springer-Verlag, 2009.
- [14] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. A system to support attention allocation: Development and application. *Web Intelligence and Agent Systems: An International Journal*, 10(1):1–17, 2012. To appear.

## List of Publications (continued)

- [15] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. An integrated agent model for attention and functional state. In *Proceedings of The 25th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE 2012)*, Dalian, China, June 2012. Springer Verlag.
- [16] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. Attention manipulation for naval tactical picture compilation. In *Proceedings of the 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'09)*, 2009.
- [17] T. Bosse, R. van Lambalgen, P.-P. van Maanen, and J. Treur. Automated visual attention manipulation (extended abstract). In *Proceedings of the 21th Belgium-Dutch Conference on Artificial Intelligence (BNAIC 2009)*, October 2009.
- [18] T. Bosse, P.-P. van Maanen, and J. Treur. A cognitive model for visual attention and its application. In T. Nishida, editor, *Proceedings of the 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-06)*, pages 255–262. IEEE Computer Society Press, 2006.
- [19] T. Bosse, P.-P. van Maanen, and J. Treur. Temporal differentiation of attentional processes. In S. Vosniadou and D. Kayser, editors, *Proceedings of the Second European Cognitive Science Conference (EuroCogSci'07)*, pages 842–847. IEEE Computer Society Press, 2007.
- [20] T. Bosse, P.-P. van Maanen, and J. Treur. Simulation and formal analysis of visual attention. *Web Intelligence and Agent Systems: An International Journal*, 7(1):89–105, 2009.
- [21] T. Bosse, P.-P. van Maanen, and J. Treur. Simulation and formal analysis of visual attention in cognitive systems. In *Proceedings of the Fourth International Workshop on Attention in Cognitive Systems (WAPCV'07)*, 2007. Published as: L. Paletta, E. Rome (Eds.), *Attention in Cognitive Systems*, Lecture Notes in AI, Springer Verlag, 2007.
- [22] T. Bosse, P.-P. van Maanen, and J. Treur. A cognitive model for visual attention and its application (extended abstract). In *Proceedings of the 19th Belgian-Dutch Conference on Artificial Intelligence (BNAIC 2007)*, 2007.
- [23] F. S. Busschers, P.-P. van Maanen, and A.-M. Brouwer. Quality control of 3d geological models using an attention model based on gaze. In *Proceedings of European Geosciences Union General Assembly 2014 (EGU2014)*, 2014.

## List of Publications (continued)

- [24] K. van Dongen and P.-P. van Maanen. Designing for dynamic task allocation. In J. M. C. Schraagen, editor, *Proceedings of the Seventh International Naturalistic Decision Making Conference (NDM7)*, jun 2005.
- [25] K. van Dongen and P.-P. van Maanen. A framework for explaining reliance on decision aids. *International Journal of Human-Computer Studies*, 71(4):410–424, 2013.
- [26] K. van Dongen and P.-P. van Maanen. Under-trust in decision support systems. In *Proceedings of the Advice and Trust in Decision Making Conference (ATDM)*, 2006.
- [27] K. van Dongen and P.-P. van Maanen. Under-reliance on the decision aid: A difference in calibration and attribution between self and aid. In *Proceedings of the Human Factors and Ergonomics Society's 50th Annual Meeting*, 2006.
- [28] T. de Greef and P.-P. van Maanen. Automated adaptive support for task and information prioritizing. In L. P. Kaelbling and A. Saffiotti, editors, *Proceedings of the Nineteenth International Joint Conference on Artificial Intelligence (IJCAI'05)*, pages 1713–4, aug 2005.
- [29] M. Hoogendoorn, S. W. Jaffry, and P.-P. van Maanen. Validation and verification of agent models for trust: Independent compared to relative trust. In I. Wakeman et al., editor, *Proceedings of the 5th IFIP WG 11.11 International Conference on Trust Management (IFIPTM'11)*, volume 358 of *International Federation of Information Processing, Advances in Information and Communication Technology Series*, pages 35–50. Springer Verlag, 2011.
- [30] M. Hoogendoorn, S. W. Jaffry, P.-P. van Maanen, and J. Treur. Design and validation of a relative trust model. *Web Intelligence and Agent Systems: An International Journal*, 57:81–95, 2014.
- [31] M. Hoogendoorn, S. W. Jaffry, P.-P. van Maanen, and J. Treur. Modelling biased human trust dynamics. *Web Intelligence and Agent Systems: An International Journal*, 11:21–40, 2013.
- [32] M. Hoogendoorn, S. W. Jaffry, P.-P. van Maanen, and J. Treur. Modeling and validation of biased human trust. In *Proceedings of the 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-2011)*, pages 256–263. IEEE Computer Society Press, 2011.

## List of Publications (continued)

- [33] M. Hoogendoorn, C. M. Jonker, S. Konur, P.-P. van Maanen, V. Popova, A. Sharpanskykh, J. Treur, L. Xu, and P. Yolum. Formal analysis of empirical traces in incident management. In A. Macintosh, R. Ellis, and T. Allen, editors, *Proceedings of the 24th International Conference on Innovative Techniques and Applications of Artificial Intelligence*, Lecture Notes in AI, pages 237–250. Springer-Verlag, 2004.
- [34] M. Hoogendoorn, C. M. Jonker, P.-P. van Maanen, and A. Sharpanskykh. Formal analysis of empirical traces in incident management. *Reliability Engineering and System Safety*, 93(10):1422–1433, 2008.
- [35] M. Hoogendoorn, C. M. Jonker, P.-P. van Maanen, and J. Treur. A meta-level architecture for strategic reasoning in naval planning (extended abstract). In M. Ali and F. Esposito, editors, *Proceedings of the 18th International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems (IEA/AIE 2005)*, volume 3533 of *Lecture Notes in AI*, pages 848–850. Springer Verlag, 2005.
- [36] M. Hoogendoorn, C. M. Jonker, P.-P. van Maanen, and J. Treur. Agent-based analysis and simulation of meta-reasoning processes in strategic naval planning. *Knowledge-Based Systems*, 22(8):589–599, December 2009.
- [37] M. Hoogendoorn, C. M. Jonker, P.-P. van Maanen, and J. Treur. An agent-based meta-level architecture for strategic reasoning in naval planning. In M. Kolp, P. Bresciani, B. Henderson-Sellers, and M. Winikoff, editors, *Agent-Oriented Information Systems III, Proceedings of the Seventh International Workshop on Agent-Oriented Information Systems (AOIS'05)*, volume 3529 of *Lecture Notes in AI*, pages 216–230. Springer Verlag, jul 2006.
- [38] M. Hoogendoorn, C. M. Jonker, P.-P. van Maanen, and J. Treur. An agent-based meta-level architecture for strategic reasoning in naval planning (extended abstract). In K. Verbeeck, K. Tuyls, A. Nowe, B. Manderick, and B. Kuijpers, editors, *Proceedings of the 17th Belgian-Dutch Conference on Artificial Intelligence (BNAIC-2005)*, pages 401–402, Brussels, Belgium, oct 2005. Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten.
- [39] M. Hoogendoorn and P.-P. van Maanen. AI en HA. Human Ambience: De omgeving als beste vriend. *De Connectie*, 4(2):8–11, October 2009.
- [40] L. de Koning, P.-P. van Maanen, and K. van Dongen. Effects of task performance and task complexity on the validity of computational models of attention. In *Proceedings of the Human Factors and Ergonomics Society's 52nd Annual Meeting*, 2008.

## List of Publications (continued)

- [41] R. van Lambalgen and P.-P. van Maanen. Personalisation of computational models of attention by simulated annealing parameter tuning. In *Proceedings of the Fourth International Workshop on Human Aspects in Ambient Intelligence*. IEEE Computer Society Press, August 2010. held in collaboration with the 2010 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology.
- [42] P.-P. van Maanen, O. Aarts, E. Boertjes, and R. Wijn. Influence of controlled and uncontrolled interventions on twitter in different target groups. In *Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, 2013.
- [43] P.-P. van Maanen and K. van Dongen. Towards task allocation decision support by means of cognitive modeling of trust. In C. Castelfranchi, S. Barber, J. Sabater, and M. Singh, editors, *Proceedings of the Eighth International Workshop on Trust in Agent Societies (Trust 2005)*, pages 168–77, jul 2005.
- [44] P.-P. van Maanen and K. van Dongen. Towards task allocation decision support by means of cognitive modeling of trust (extended abstract). In K. Verbeeck, K. Tuyls, A. Nowe, B. Manderick, and B. Kuijpers, editors, *Proceedings of the 17th Belgian-Dutch Conference on Artificial Intelligence (BNAIC-2005)*, pages 399–400, Brussels, Belgium, oct 2005. Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten.
- [45] P.-P. van Maanen and K. van Dongen. Realizing confidence in autonomous systems using automated trust assessment. In *Proceedings of IST-072 Trust and Confidence in Autonomous Systems, NATO Research and Technology Organisation*, 2009.
- [46] P.-P. van Maanen, E. Keeris, A. W. K. Gaillard, I. M. Wetzer, and C. Six. Using games to study support and training of decision making under stress. Technical Report TNO-DV-2008-IN266, TNO Human Factors, 2008.
- [47] P.-P. van Maanen, T. Klos, and K. van Dongen. Closed-loop adaptive decision support based on automated trust assessment. In Dylan D. Schmorrow and Leah M. Reeves, editors, *Proceedings of the Third International Conference on Augmented Cognition (ACI) and 12th International Conference on Human-Computer Interaction (HCI'07)*, volume 4565 of *Lecture Notes in Computer Science*. Springer Verlag, 2007.
- [48] P.-P. van Maanen, T. Klos, and K. van Dongen. Aiding human reliance decision making using computational models of trust. In *Proceedings of the Workshop on Communication between Human and Artificial Agents (CHAA'07)*, pages 372–376, Fremont, California, USA, 2007. IEEE Computer Society Press. Co-located with The 2007 IEEE IAT/WIC/ACM International Conference on Intelligent Agent Technology.

## List of Publications (continued)

- [49] P.-P. van Maanen, L. de Koning, and K. van Dongen. Design and validation of habta: Human attention-based task allocator. In M. Mühlhäuser, A. Ferscha, and E. Aitenbichler, editors, *Proceedings of the First International Workshop on Human Aspects in Ambient Intelligence*, volume 11 of *Communications in Computer and Information Science (CCIS)*, pages 286–300. Springer-Verlag, 2008.
- [50] P.-P. van Maanen, L. de Koning, and K. van Dongen. Design and validation of habta: Human attention-based task allocator (extended abstract). In *Proceedings of the 20th Belgium-Dutch Conference on Artificial Intelligence (BNAIC 2008)*, 2008.
- [51] P.-P. van Maanen, L. de Koning, and J. van Meer. Factoren van invloed op ethische besluitvorming bij de nederlandse krijgsmacht. Technical Report TNO-DV-2009-B369, TNO Human Factors, 2009. English version submitted to journal.
- [52] P.-P. van Maanen, J. Lindenberg, and M. A. Neerinx. Integrating human factors and artificial intelligence in the development of human-machine cooperation. In H. R. Arabnia and R. Joshua, editors, *Proceedings of the 2005 International Conference on Artificial Intelligence (ICAI'05)*, volume 1, pages 10–16. CSREA Press, jun 2005.
- [53] P.-P. van Maanen, T. Lucassen, and K. van Dongen. Adaptive attention allocation support: Effects of system conservativeness and human competence. In *Proceedings of the 6th International Conference on Augmented Cognition*, Lecture Notes in Computer Science. Springer-Verlag, 2011. Held as part of 14th International Conference on Human-Computer Interaction (HCI'11).
- [54] P.-P. van Maanen and B. van der Vecht. An agent-based approach to modeling online social influence. In *Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, 2013.
- [55] P.-P. van Maanen, F. Wisse, J. van Diggelen, and R.-J. Beun. Effects of reliance support on team performance by advising and adaptive autonomy. In *Proceedings of the 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-2011)*, pages 280–287. IEEE Computer Society Press, 2011.
- [56] F. Meijerink, P.-P. van Maanen, A. J. van Vliet, and A. Nijholt. Disclosure with an emotional intelligent synthetic partner. In *Workshop: Tools for Psychological Support during Exploration Missions to Mars and Moon*, mar 2007.

## List of Publications (continued)

- [57] M. Neef, P.-P. van Maanen, P. Petiet, and M. Spoelstra. Adaptive work-centered and human-aware support agents for augmented cognition in tactical environments. In *Proceedings of International Conference on Augmented Cognition, Jointly held with International Conference on Human-Computer Interaction*, 2009.
- [58] A. Nijholt, F. Meijerink, and P.-P. van Maanen. A virtual diary companion. In Y. Wilks, editor, *Proceedings of the Fourth International Workshop on Human-Computer Conversation*. University of Sheffield, 2008.
- [59] P. Petiet, P.-P. van Maanen, I. van Bommel, and T. van Vliet. Awareness development across perspectives tool (adapt). In *Proceedings of the 15th International Command and Control Research and Technology Symposium*, 2010.
- [60] A. Toubman, P.-P. van Maanen, and M. Hoogendoorn. Adaptive autonomy in unmanned ground vehicles using trust models. In *Proceedings of the 6th International Workshop on Human Aspects in Ambient Intelligence (HAI 2012)*, Pisa, Italy, November 2012. Atlantis Press. held in conjunction with the International Joint Conference on Ambient Intelligence (AmI'12).
- [61] Bob Paap, Stefan Carpentier, P.-P. van Maanen, and Sjef Meekes. A neural network approach for improved seismic event detection in the groningen gas field, the netherlands. *Bulletin of the Seismological Society of America*, 2019 (Under Review).

**Note that for publications 8, 9, 11–22, 25, 29–39 and 41 the authors are listed in alphabetical order.**

## Reviewing and PC Memberships

- Reviewer, *Journal of Information Security and Applications*, Elsevier.
- Reviewer, *Social Network Analysis and Mining*, Springer.
- Reviewer, *Journal of Experimental Psychology: Applied*, APA.
- Reviewer, *Human Factors: The Journal of the Human Factors and Ergonomics Society*, SAGE.
- PC member, *Workshop on Social Influence (SI 2014)*, in conjunction with the *6th International Conference on Social Informatics (SocInfo 2014)*, 10 November, 2014, Barcelona, Spain.
- PC member, *8th IADIS International Conference on Intelligent Systems and Agents 2014*, 15-17 July, 2014, Lisbon, Portugal.
- PC member, *8th International Workshop on Human Aspects in Ambient Intelligence*, August 11, 2014, Warsaw, Poland.
- Doctoral Consortium reviewer, *12th International Conference on Autonomous Agents and Multiagent Systems 2013*, 6 May 2013, Saint Paul, Minnesota, USA.

## Reviewing and PC Memberships (continued)

- PC member, *IADIS International Conference Intelligent Systems and Agents 2013*, 22-24 July, Prague, Czech Republic.
- PC member, *25th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems*, June 9-12, 2012, Dalian, China.
- PC member, *11th International Conference on Autonomous Agents and Multiagent Systems (AAMAS2012)*, June 4-8, 2012, Valencia, Spain.
- PC member, *IADIS International Conference on Intelligent Systems and Agents 2011 (ISA2011)*, July 24-26, 2011, Rome, Italy.
- PC member, *Workshop on Space, Time and Ambient Intelligence (STAMI 2011)*, July 6, 2011, Barcelona, Spain.
- Non-Program Committee Reviewer, *The Third IEEE International Conference on Social Computing (SocialCom-2011)*, October 9-11, 2011, MIT Boston, USA.
- Non-Program Committee Reviewer, *Ninth International Conference on Autonomous Agents and Multiagent Systems (AAMAS10)*, May 10-14 2010, Toronto, Canada.
- Non-Program Committee Reviewer, *29th Meeting of the Cognitive Science Society (CogSci'07)*, 1-4 August 2007, Nashville, Tennessee, USA.
- Non-Program Committee Reviewer, *6th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS'07)*, 14-18 May 2007, Honolulu, Hawai'i, USA.
- Additional Referee, *Declarative Agent Languages and Technologies (DALT) workshop*, 19 July 2004, New York, USA.
- Non-Program Committee Reviewer, *The 5th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS'06)*, 8-12 May 2006, Hakodate, Japan.
- Reviewer, *IEEE Intelligent Systems, Special Issue on Self-Management through Self-Organization in Information Systems*.
- Non-Program Committee Reviewer, *The 17th Belgian-Dutch Conference on Artificial Intelligence (BNAIC'05)*, 17-18 October 2005, Brussels, Belgium.
- Co-reviewer, *Data and Knowledge Engineering*, Elsevier.
- Non-Program Committee Reviewer, *The 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2005)*, 15-17 September 2005, Budapest, Hungary.
- Non-Program Committee Reviewer, *The 4th International Central and Eastern European Conference on Multi-Agent Systems (CEEMAS'05)*, 19-22 September 2005, France.



## Formal Talks

- Apr. 5 2016 — Guest lecture on Automated Lithoclassification using CPTs and Neural Networks, U-Talent, Utrecht University, Utrecht, The Netherlands.
- Feb. 24 2016 — Guest lecture on Automated Lithoclassification using CPTs and Neural Networks, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands.
- May 27–May 30 2014 — The International Conference on Unmanned Aircraft Systems 2014 (ICUAS 2014), Orlando, FL, USA.
- Apr. 27–May 2 2014 — The European Geosciences Union General Assembly 2014, Vienna, Austria.
- Aug. 25–28 2013 — The 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2013), Niagara Falls, Canada.
- May 15 2013 — Guest lecture on “An Agent-Based Approach to Modeling Online Social Influence” as part of the “ISIS Colloquium”, Utrecht University, Utrecht.
- Sep. 26 2012 — Guest lecture on “Adaptive Autonomy in Unmanned Ground Vehicles Using Trust Models” as part of the seminar “Human-Agent-Robot Teamwork”, TU Delft, Delft (together with Armon Toubman).
- Jun. 9–12 2012 — The 25th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, 2012 Dalian, China.
- Sep. 15 2011 — Guest lecture as part of the course “Research in HFM”, Twente University, Enschede.
- Aug. 22–27 2011 — The 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2011), Campus Scientifique de la Doua, Lyon, France.
- Jul. 9–14 2011 — HCI International 2011, Hilton Orlando Bonnet Creek, Orlando, Florida, USA.
- Jul. 7 2011 — Technical talk on “Automated cmap/mindmap generation based on semantic wiki content to support military commanders and staff” at the Florida Institute for Human and Machine Cognition, Pensacola, FL, USA.
- Dec. 9 2010 — PhD thesis defense at 9.45 in the aula of the Vrije Universiteit Amsterdam, De Boelelaan 1105, Amsterdam. As a follow up, there was a press national release from the VU and TNO and an interview on the Radio 1 program “Labyrint Radio” on December 19th 2010.

## Formal Talks (continued)

- Oct. 25 2010 — Weekly AI lecture on "Adaptive Support Using Cognitive Models of Trust", Vrije Universiteit Amsterdam, Amsterdam.
- Oct. 14 2010 — AI Seminar lecture on "Adaptive Support Using Cognitive Models of Trust", TNO Human Factors, Soesterberg.
- Aug. 31 2010 — Fourth International Workshop on Human Aspects in Ambient Intelligence, held in collaboration with the 2010 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology, York University in Toronto, Canada.
- Aug. 24 2010 — Eye tracking = Reading the Mind, International Workshop hosted by the European Congress of Cognitive Ergonomics (ECCE2010), Delft, The Netherlands.
- Jun. 22-24 2010 — The 15th International Command and Control Research and Technology Symposium (ICCRTS 2010), Santa Monica, CA, USA.
- Nov. 4 2009 — Talk and demo at the "Eindrappontage Cognitieve Modellen" with an audience from the Royal Netherlands Navy, Air Force, and Army, TNO Human Factors, Soesterberg.
- Oct. 29-30 2009 — The 21st Benelux Conference on Artificial Intelligence (BNAIC 2009), Eindhoven University of Technology (TU/e), Eindhoven, The Netherlands.
- Sep. 15 2009 — Invited talk at the The 3rd International Workshop on Human Aspects in Ambient Intelligence: Agent Technology, Human-Oriented Knowledge and Applications (HAI'09), Workshop at the International Conference on Intelligent Agent Technology (IAT'09).
- Sep. 16-18 2009 — The 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2009), University of Milano Bicocca, Milano, Italy. We won the IAT'09 Best Paper Award.
- Jul. 19-24 2009 — HCI International 2009, Town and Country Resort & Convention Center, San Diego, CA, USA.
- May 10-15 2009 — Rianne van Lambalgen presented our poster at the Eighth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS'09), Budapest, Hungary.

## Formal Talks (continued)

- Apr. 21 2009 — Colloquium talk on “Realizing Appropriate Confidence in Autonomous Systems using Automated Trust Assessment” at the Institut für Psychologie und Arbeitswissenschaft, Technische Universität Berlin, Germany.
- Mar. 23 2009 — Weekly AI lecture on Effects of Task Performance and Task Complexity on the Validity of Computational Models of Attention, Vrije Universiteit Amsterdam, Amsterdam.
- Nov. 18–20 2008 — IST-072 Trust and Confidence in Autonomous Systems, NATO Research and Technology Organisation, Orlando, FL, USA.
- Oct. 30–31 2008 — 20th Belgian-Dutch Conference on Artificial Intelligence, Enschede, The Netherlands.
- Sep. 30 2008 — TNO Kennisdag 2008, Soesterberg, The Netherlands. Over 75 posters and demos were presented. We had three posters, a demo, and I was Organizing Committee member.
- Sep. 15–16 2008 — International Forum on Artificial Intelligence and Unmanned Systems, Bristol, UK.
- Mar. 7 2008 — *TNO Human Factors Colloquium*, TNO Human Factors, Soesterberg.
- Feb. 12 2008 — *Themadag Cognitieve Modellen*, TNO Human Factors, Soesterberg.
- Nov. 2–5 2007 — *The 2007 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT’07)*, Fremont, CA, USA.
- Jul. 25–27 2007 — *The 12th International Conference on Human-Computer Interaction*, Beijing, P.R. China.
- Jun. 11 2007 — *Weekly AI lecture*, Vrije Universiteit Amsterdam, The Netherlands.
- May. 23–27 2007 — *The Second European Cognitive Science Conference (EuroCogSci’07)*, Delphi, Greece.
- May. 21–23 2007 — *Attention, Perception & Modeling for Complex Displays meeting*, Office of Naval Research, Arlington, VA, USA.
- Apr. 26, 7 Jun. 2007 — “*Kennismakingsdag*”, Vrije Universiteit Amsterdam, The Netherlands.
- Mar. 26 2007 — *Workshop: Tools for Psychological Support during Exploration Missions to Mars and Moon*, European Space Research and Technology Centre (ESTEC), Noordwijk, The Netherlands.
- Mar. 23 2007 — “*Dagje studeren*”, Vrije Universiteit Amsterdam, The Netherlands.

## Formal Talks (continued)

- Dec. 18–22 2006 — *The 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-06)*, Hong Kong, P.R. China.
- Sep. 29 2006 — *TNO Kennisdag 2006*, TNO Human Factors, Soesterberg, The Netherlands.
- Sep. 6 2006 — *Cognitive Models Symposium*, TNO Human Factors, Soesterberg, The Netherlands.
- May 30 2006 — *Human Modeling Symposium*, TNO Human Factors, Soesterberg, The Netherlands.
- May 1 2006 — *Weekly AI lecture*, Vrije Universiteit Amsterdam, The Netherlands.
- Apr. 20 2006 — *Collective Agent-Based Systems (CABS) Colloquium*, TU Delft, The Netherlands.
- Oct. 17–18 2005 — *The 17th Belgian-Dutch Conference on Artificial Intelligence*, Brussels, Belgium.
- Jul. 30–Aug. 5 2005 — *The 19th International Joint Conference on Artificial Intelligence (IJCAI'05)*, Edinburgh, Scotland.
- Jul. 26 2005 — *The 7th International Workshop on Agent-Oriented Information Systems (AOIS'05)*, Utrecht, The Netherlands.
- Jul. 25 2005 — *The 8th International Workshop on Trust in Agent Societies (Trust 2005)*, Utrecht, The Netherlands.
- Jul. 11 2005 — Invited informal lecture at the Cognitive Science Department, *Rensselaer Polytechnic Institute (RPI)*, Troy, NY, USA.
- Jun. 27–30 2005 — *The 2005 International Conference on Artificial Intelligence (ICAI'05)*, Las Vegas, NV, USA.
- Jun. 15–17 2005 — *The 7th International Naturalistic Decision Making Conference (NDM7)*, Amsterdam, The Netherlands.
- Oct. 21–22 2004 — *The 16th Belgian-Dutch Conference on Artificial Intelligence*, Groningen, The Netherlands.
- Jun. 21 2004 — *Weekly AI lecture*, Vrije Universiteit Amsterdam, The Netherlands.
- May 3–4 2004 — *The International Workshop on Information Systems for Crisis Response and Management (IS-CRAM'04)*, Brussels, Belgium.

## Projects

- Nov. 2016 — Pilot Mobility Challenge, *IMS*, Funded by IMS.
- Okt. 2016 — Pilot New Company Locations, *IMS*, Funded by Province of Utrecht.

## Projects (continued)

- Jan.–Dec. 2016 — New analysis techniques for 3D model quality control (Work Package Manager), Geologische Kennisopbouw, *TNO*, Funded by the Dutch Ministry of Infrastructure and the Environment.
- Jan. 2016–Dec. 2018 — Decision support system for finding aggregate resources, Transnational and Integrated Long-term Marine Exploitation Strategies (TILES), *TNO*, Funded by Belgian Science Policy Office (BEL-SPO).
- Jan.–Dec. 2016 — Application of Cone Penetration Tests, 4DMOD, *TNO*, Funded by the Dutch Ministry of Infrastructure and the Environment.
- Jan.–Dec. 2016 — Real Time Events in Seismic data (Work Package Manager), Geologische Kennisopbouw, *TNO*, Funded by the Dutch Ministry of Infrastructure and the Environment.
- Mar.–Dec. 2015 — The Netherlands 3D, Voxels, *TNO*, Funded by the Dutch Ministry of Infrastructure and the Environment.
- Jan. 2014–2016 — TRADR: Long-Term Human-Robot Teaming for Robot Assisted Disaster Response (Work Package Manager), integrated research project funded by the EU FP7 Programme, ICT: Cognitive systems, interaction, robotics (Project Nr. 60963).
- Jan.–Dec. 2014 — Research GeoTOP national scale, GIP 2014 — Voxels, Funded by the Dutch Ministry of Infrastructure and the Environment.
- Jan.–Dec. 2014 — Expert Brain Model Checking (Work Package Manager), Intuitive User Interaction, ETP Models, *TNO*, Funded by TNO.
- Jan. 2013–2016 — Manning, Autonomy and Human-Machine Interface in Unmanned Systems (Project Manager in 2013), Unmanned Systems programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V1340).
- Jan. 2013–Dec. 2013 — Decision Making in Uncertainty (Project Manager), Superior Situation Awareness programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V1216).
- Nov. 2012–Apr. 2013 — Human Aspects of UXV (Work Package Manager for HMI WP), *TNO*, Funded by the UK MoD / DHCSTC.

## Projects (continued)

- Okt. 2012–Dec. 2012 — Eye- and Brain-Signals in Geological Model Checking, *TNO*, Funded by TNO (project created after winning the TNO Idea Award 2012).
- Jan. 2011–Dec. 2013 — Social Networks and Social Media (Work Package Manager from November 2012), ETP Societal Impact of ICT, *TNO*, Funded by TNO.
- Jan. 2011–Dec. 2012 — Mutual Empowerment (Work Package Manager from January to December 2011), Defence Research, *TNO*, Funded by TNO.
- Jan. 2011–Dec. 2011 — Trust in ICT, Vital ICT Infrastructures, *TNO*, Funded by TNO.
- Jan. 2011–Dec. 2011 — Concept Development for Smart Operations (Work Package Manager), Smart Operations programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V929).
- Jan. 2011–May 2012 — Adaptive Autonomy in UGVs (Project Manager), UGVs in the Armed Forces programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V923).
- Jan. 2009–Dec. 2011 — Model-based Analysis of Human Errors during Aircraft Cockpit System Design (HUMAN), *TNO*, Funded by the European Commission, Seventh Framework Programme: Transport - Aeronautics.
- Jan. 2009–Dec. 2009 — Perspectives Consistency (Project Manager from January to March 2009), *TNO*, Funded by the Dutch Ministry of Defence (programme number V810).
- Jun. 2008–May. 2009 — Modeling Cultural Perspectives (Project Manager from June to December 2008), *TNO*, Funded by the Dutch Ministry of Defence (programme number V810).
- Jun. 2008–May 2009 — Modeling Hearts and Minds Perspectives, *TNO*, Funded by the Dutch Ministry of Defence (programme number V810).
- Jan.–Dec. 2008 — AVEBOS: Adaptive Security Monitoring Support System (Project Manager), *TNO*, Funded by TNO.
- Jun. 2008–Dec. 2009 — Augmented Multiparty Interaction with Distant Access, *TNO*, Funded by EU, KP6 Information Society Technologies.
- Jan.–Dec. 2007 — Support of Decision Making under Stress (Project Manager), *TNO*, Funded by TNO.

## Projects (continued)

- Jan.–Dec. 2007 — Adaptive Decision Support Systems based on Cognitive Models of Trust (Project Manager), Human-System Integration programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V206).
- Jan.–Dec. 2006 — Ethical Decision Making (Project Manager), *TNO*, Funded by TNO.
- Jan. 2005–Dec. 2009 — Agent Architectures, Cognitive Models programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V524).
- Jan. 2005–Dec. 2009 — Functional Requirements for Cognitive Models (Project Manager), Cognitive Models programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V524).
- Jan. 2005–Dec. 2006 — Disclosure with an Emotional Intelligent Synthetic Partner, *TNO*, Funded by TNO.
- Sep. 2004–Dec. 2007 — Adaptive Decision Support, Human-System Integration programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V206).
- Sep. 2004–Jun. 2005 — Business Modeling, Human-System Integration programme, *TNO*, Funded by the Dutch Ministry of Defence (programme number V206).
- Dec. 2003–Aug. 2004 — Cybernetic Incident Management (CIM), *Vrije Universiteit Amsterdam*, Funded by the Dutch Ministry of Defence.
- Dec. 2003–Aug. 2004 — Distributed Engine for Advanced Logistics (DEAL), *Vrije Universiteit Amsterdam*, Funded by E.E.T. (Novem).

## Miscellaneous

- Mar. 1 2013 — PhD defense committee of Teun Lucassen, Twente University.
- Sep. 9 2011 — PhD defense committee of Syed Waqar Jafry, *Vrije Universiteit Amsterdam*.
- Aug. 31 2010 — Session chair at The 4rd International Workshop on Human Aspects in Ambient Intelligence: Agent Technology, Human-Oriented Knowledge and Applications (HAI'10).

## Miscellaneous (continued)

- Aug. 24 2010 — Member of Organizing Committee of Eye tracking = Reading the Mind, International Workshop hosted by the European Congress of Cognitive Ergonomics (ECCE2010).
- Sep. 15 2009 — Session chair at The 3rd International Workshop on Human Aspects in Ambient Intelligence: Agent Technology, Human-Oriented Knowledge and Applications (HAI'09).
- Jan. 2008–Sep. 2008 — Member of Organizing Committee of the *TNO Kennisdag 2008*, Soesterberg, The Netherlands. Over 75 posters and demos were presented.
- Sep. 2007–2010 — Member of Activities Committee of *Jong TNO*, TNO, Delft, The Netherlands. Organized multiple social events (survival weekends, ski trips, “wadlopen” and camping, beach parties, networking and game events, etc.), for TNO employees under 36.
- Nov. 2006–Jul. 2007 — Co-organizer and co-chair of the Adaptive Task Allocation and Support Session, at the Augmented Cognition International Conference 2007 (in conjunction with HCII 2007).
- Jan. 2006–Sep. 2006 — Organizing Committee member of the *TNO Kennisdag 2006*, Soesterberg, The Netherlands. Over 65 posters and 20 demos were presented.
- Nov. 29 2004–Nov. 24 2006 — Chair of the bi-weekly *Artificial Intelligence and Human Factors reading group*, TNO Human Factors, Soesterberg, The Netherlands.
- May 2004–Dec. 2006 — Member of the *Promovendi Overleggroep Vrije Universiteit*, Amsterdam, The Netherlands. From January 6, 2006, I was treasurer. I co-organized two times the “Promovendidag” (PhD-day).
- Sep. 2001–Aug. 2002 — Student member of the board of the Faculty of Mathematics and Computer Science, Utrecht University, Utrecht, The Netherlands.
- Sep. 2001–Aug. 2002 — Member and co-founder of the *Overleggroep Informatica (OGI)*, Utrecht University, Utrecht, The Netherlands.



## Miscellaneous (continued)

- Sep. 2001–Aug. 2002 — Co-founder of the *Overleggroep Informatiekunde (OGIK)*, Utrecht University, Utrecht, The Netherlands.
- Aug. 2000–Aug. 2001 — Member of the board and various committees (8) of *Student Association A-Eskwadraat*, Utrecht University, Utrecht, The Netherlands.
- Sep. 2000–Feb. 2001 — Member of the Organizing Committee of *The 2001 Symposium on Robotics*, Utrecht University, Utrecht, The Netherlands.
- Sep. 1999–Aug. 2000 — Member of the *Opleidingscommissie*, Department of Computer Science, Utrecht University, Utrecht, The Netherlands.