List of publications Catholijn M. Jonker

[J#] stands for journal publication, [IC#] for selected international reviewed conferences, [IBC#] for invited book chapters, and [O#] for other publications. Journal papers and book chapters are often extended versions of papers presented earlier at conferences; if so the relevant conference publication is denoted.

1 International (refereed) journals

Accepted or/and In press

J76 Baarslag, T., Fujita, K., Gerding, E.H., Hindriks, K.V., Ito, T., Jennings, N.R., Jonker, C.M., Kraus, S., Lin, R., Robu, V., Williams, C.R. (accepted). Evaluating practical negotiating agents: results and analysis of the 2011 international competition. *Artificial Intelligence*, Elsevier.

J75 Norden, W. van, and Jonker, C.M. (conditionally accepted). User Directed Classification of objects. In: Web Intelligence and Agent Systems: An International Journal, pp. 1–11, IOS Press. Paper id.I774.

J74 Johnson, M., Bradshaw, J.M., Feltovich, P.J., Hoffman, R.R., Jonker, C.M., Riemsdijk, M.B. van, & Sierhuis, M. (to appear). Analyzing Autonomy and Its Relationship to Interdependence in Human-Agent-Robot Teams. In: *IEEE Intelligent Systems: Human-Agent-Robot-Teamwork (HART)*. © IEEE. (PDF, BIB) to appear.

J73 Lin, R., Kraus, S., Baarslag, T., Tykhonov, D., Hindriks, K.V., and Jonker C.M. (to appear). In Press. Genius: An Integrated Environment for Supporting the Design of Generic Automated Negotiators. *Computational Intelligence*. (PDF)

2012

J72 Ronald, N., V. Dignum, C. Jonker, T. Arentze, and H. Timmermans. On the engineering of agent-based simulations of social activities with social networks. Information and Software Technology 54(6), pp. 625-638, 2012.

J71 Hindriks, K.V.,and Jonker, C.M. (2012). Special Issue on 'Human Factors and Computational Models in Negotiation'. Group Decision and Negotiation. 21(1):1-2. (PDF)

J70 Visser, W., Hindriks, K.V., and Jonker C.M. (2012). Argumentation-Based Qualitative Preference Modelling with Incomplete and Uncertain Information. Group Decision and Negotiation. 21(1):99-127. (preliminary version, GDN_link.

J69 Aldewereld, H., Dignum, V., Jonker, C.M., and, Van Riemsdijk, M.B. (2012). Agreeing on Role Adoption in Open Organisations. *Künstliche Intelligenz, 26(1)*: 37-45, DOI: 10.1007/s13218-011-0152-5, Springer link.

2011

J68 Johnson, M., Bradshaw, J.M., Feltovich, P.J., Hoffman, R.R., Jonker, C.M., Van Riemsdijk, M.B., and Sierhuis, M.,(2011). Beyond Cooperative Robotics: The Central Role of Interdependence in Coactive Design. In: *IEEE Intelligent Systems: Human-Centered Computing*, 26(3):81-88. 2011. © IEEE, (PDF, BIB)

J67 Hindriks, K.V., Jonker, C.M., and Tykhonov, D. (2011). Let's DANS! An Analytic Framework of Negotiation Dynamics and Strategies, In: Web Intelligence and Agent Systems: An International Journal, 9, pp. 319–335, DOI 10.3233/WIA-2011-0221, IOS Press, (PDF).

J66 Pommeranz, A., Wiggers, A., Brinkman, W.P., and Jonker, C.M. (2011). "Social Acceptance of Negotiation Support Systems: scenario-based exploration with focus groups and online survey", In: *Cognition, Technology & Work*, Online First™, 26 May 2011. (PDF)

J65 Pommeranz, A., Detweiler, C., Wiggers, P.,and Jonker, C.M., In Press. Elicitation of Situated Values: Need for tools to help stakeholders and designers to reflect and communicate. Special issue of Ethics and Information Technology on "Requirements Engineering". Springer link. (DOI: 10.1007/s10676-011-9282-6)

2010

J64   Bosse, T., Jonker, C.M., and Treur, J. (2010). Formal analysis of design process dynamics. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing Journal (AIEDAM)*. Vol. 24, pp 397-423.

J63   Hindriks, K.V., Jonker, C.M., and Tykhonov, D. (2010). Eliminating Issue Dependencies in Complex Negotiation Domains, In: *Multi-Agent and Grid Systems, 6(5)*: 477-501.

J62   Smets, N.J.J.M., Bradshaw, J.M., Diggelen, J. van, Jonker, C.M, Neerincx, M.A., Rijk, L.J.V. de, Senster, P.A.M., Sierhuis, M., and Thije, O. ten (2010). Assessing Human-Agent Teams for Future Space Missions. IEEE Intelligent Systems, Vol. 25(5), 46-53.

2009

J61   Bosse, T., Jonker, C.M., Treur, J. (2009). Representation for Reciprocal Agent-Environment Interaction. In: Cognitive Systems Research, volume 10, pp. 366 - 376. DOI information: 10.1016/j.cogsys.2008.11.002. Preliminary version: pdf file.

J60   Bosse, T., Jonker, C.M., Meij, L. van der, Sharpanskykh, A., and Treur, J., Specification and Verification of Dynamics in Agent Models. International Journal of Cooperative Information Systems, vol. 18, 2009, pp. 167 - 193. Preliminary version: pdf file, World Scientific URL, doi.

J59   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. Preliminary version: pdf file, doi.

J58   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. Preliminary version: pdf file, Elsevier URL, doi

J57   Santen, W. van, Jonker, C.M., and Wijngaards, N. (2009). Crisis decision making through a shared integrative negotiation mental model. In: International Journal of Emergency Management, 6(3/4), pp. 342-355. DOI: 10.1504/IJEM.2009.031570

J56   Sierhuis, M., Jonker, C.M., Riemsdijk, M.B. van, Hindriks, K.V. (2009). Towards Organization Aware Agent-based Simulation. In: International Journal of Intelligent Control and Systems, Special Issue on Agent Directed Simulation, 14(1):62-76. 2009. (PDF, BIB, IJICS link).

2008

J55   Bosse, T., Hoogendoorn, M., Jonker, C.M., and Treur, J. (2008). A Formal Method to Analyze Human Reasoning and Interpretation in Incident Management. In: *International Journal of Emergency Management*, volume 5, issue 1/2, pp. 164-192. DOI: 10.1504/IJEM.2008.019912.

J54   Bosse, T., Jonker, C.M., Meij, L. van der, and Treur, J. (2008). Automated Formal Analysis of Human Multi-Issue Negotiation Processes. In: *Multi-Agent and Grid Systems Journal*, volume 4, issue 2, pp. 213-233.

J53   Bosse, T., Jonker, C.M., and Treur, J. (2008). Formalisation of Damasio's Theory of Emotion, Feeling and Core Consciousness. In: *Consciousness and Cognition Journal*, vol. 17, 2008, pp. 94-113.

J52   Hoogendoorn, M., Jonker, C.M., Maanen, P.P. van, and Sharpanskykh, A. (2008). Formal analysis of empirical traces in incident management, In: *Reliability Engineering and Safety Systems*, vol. 93, 2008, pp. 1422-1433.

J51   Hoogendoorn, M., Jonker, C.M., Popova, V., and Sharpanskykh, A. (2008). Automated Verification of Disaster Plans in Incident Management, *Disaster Prevention and Management*, vol.17, 2008, pp. 16-32.

J50   Jonker, C.M., Snoep, J.L., Treur, J., Westerhoff, H.V., Wijngaards, W.C.A., BDI-Modelling of Complex Intracellular Dynamics. *Journal of Theoretical Biology*, vol. 251, 2008, pp. 1–23.

J49   Dmytro Tykhonov, Catholijn Jonker, Tim Verwaart, Sebastiaan Meijer, (2008). Agent-Based Simulation of the Trust and Tracing Game for Supply Chains and Networks, In: *Journal of Artificial Societies and Social Simulation*, vol. 11, no. 3, pp. 1, 2008.

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J48   Jonker, C.M., Treur, J., and Wijngaards, W.C.A., Specification, Analysis and Simulation of the Dynamics Within an Organisation. *Journal of Applied Intelligence*. vol. 27, 2007, pp. 131-152.

J47   Jonker, C.M., Robu, V., and Treur, J., An Agent Architecture for Multi-Attribute Negotiation Using Incomplete Preference Information. *Autonomous Agents and Multi-Agent Systems Journal*. vol. 15, 2007,

pp. 221 - 252.

J46   Jonker, C.M., Sharpanskykh, A., Treur, J., and Yolum, P., A Framework for Formal Modeling and Analysis of Organizations. *Journal of Applied Intelligence*. vol. 27, 2007, pp. 49-66.

J45   Bosse, T., Jonker, C.M., Meij, L. van der, and Treur, J., A Language and Environment for Analysis of Dynamics by Simulation. *International Journal of Artificial Intelligence Tools*, vol. 16, 2007, pp. 435-464.

J44   Bosse, T., Jonker, C.M., Los, S.A., Torre, L. van der, and Treur, J., Formalisation and Analysis of the Temporal Dynamics of Conditioning. *Cognitive Systems Research Journal*, 2007, Vol. 8, pp. 36 – 47. Extended version of [IC89].

J43   Bosse, T., Jonker, C.M., and Treur, J., On the use of Organisation Modelling Techniques to Address Biological Organisation. *Multi-Agent and Grid Systems Journal*, vol. 3, 2007, in press.

J42   Bosse, T., Jonker, C.M., and Treur, J., Simulation and Analysis of Adaptive Agents: an Integrative Modelling Approach. *Advances in Complex Systems Journal*, vol. 10, 2007, in press.

J41   Bosse, T., Jonker, C.M., and Treur, J., Reasoning with Multiple Representations: Analysis and Simulation. *Applied Artificial Intelligence Journal*, vol. 21, 2007, in press.

J40   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. Online date: 1 September 2006,
        http://www.springerlink.com/content/h3x762r576404636/

J39   Jonker, C.M., Schut, M.C., Treur, J., and Yolum, P., Analysis of Meeting Protocols by Formalisation, Simulation and Verification. *Journal of Computational and Mathematical Organisation Theory*, vol. 13, 2007, in press. Extended version of [IC76].

J38   Jonker, C.M., and Treur, J., Agent-Oriented Modeling of the Dynamics of Biological Organisms. *Journal of Applied Intelligence*. Online Date: December 8, 2006. vol. 27, 2007, pp. 1-20.

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J37   Bosse, T., Delfos, M.F., Jonker, C.M., and Treur, J., Analysis of Adaptive Dynamical Systems for Eating Regulation Disorders, *Simulation Journal (Transactions of the Society for Modelling and Simulation)*, vol. 82, nr 3, March 2006, pp. 159-171. Extended version of [IC64].

J36   Bosse, T., Jonker, C.M., Schut, M.C., and Treur, J., Collective Representational Content for Shared Extended Mind. *Cognitive Systems Research Journal*. Vol. 7, issue 2-3, June 2006, pp. 151-174. Extended version of [IC74].

J35   Bosse, T., Jonker, C.M., and Treur, J., Reasoning by Assumption: Formalisation and Analysis of Human Reasoning Traces. *Cognitive Science Journal*. Vol. 30, jan/feb 2006, pp. 147 – 180. Extended version of [IC63].

J34   Hoogendoorn, M., Jonker, C.M., Schut, M.C., and Treur, J., Modeling Organizational Change for Naval Missions. *WSEAS Transactions on Systems*, vol. 5, 2006, pp. 532-543. Extended version of [IC79].

J33   Hindriks, K.V., Jonker, C.M., Tykhonov, D., Reducing Complexity of an Agent's Utility Space for Negotiating Interdependent Issues, *InterJournal for Complex Systems*, GALetter, manuscript-number 1821, 2006,
        http://www.interjournal.org/manuscript_abstract.php?1878115982.

*2005**

J32   Bosse, T., Jonker, C.M., Schut, M.C., and Treur, J., Simulation and Analysis of Shared Extended Mind. *Simulation Journal (Transactions of the Society for Modelling and Simulation)*. vol. 81, 2005, pp. 719 - 732. Extended version of [IC73].

J31   Dastani, M., Jacobs, N., Jonker, C.M., and Treur, J., Modelling User Preferences and Mediating Agents in Electronic Commerce. *Knowledge-Based Systems Journal*. Vol. 18, 2005, pp. 335 – 352. Extended version of [IBC4].

J30   Herlea Damian, D.E., Jonker, C.M., Treur, J., and Wijngaards, N.J.E., Integration of Behavioural Requirements Specification within Compositional Knowledge Engineering. *Knowledge-Based Systems Journal*. Vol. 18, 2005, pp. 353 – 365. Extended version of [IC28].

J29   Jonker, C.M., Kremer, R., Leeuwen, P. van, Pan, D., and Treur, J., Mapping Visual to Textual Knowledge

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* Authorship in the publications before 2005 is based on comparable contribution to the publication, which is expressed by using alphabetical ordering of author names. This is the standard for the Agent Systems Research Group of the VU where I worked from 1995 till 2005. I made one exception to this rule: [IC114].

Representation. *Knowledge-Based Systems Journal*. vol. 18, 2005, pp. 367-378. Extended version of [IC26].

2004

J28   Albers, M., Jonker, C.M., Karami, M., and Treur, J., Agent Models and Different User Ontologies for an Electronic Market Place. *Knowledge and Information Systems Journal*. Vol. 6, 2004, pp. 1 – 41. Extended version of [IC31].

J27   Brazier, F.M.T., Cornelissen, F., Gustavsson, R., Jonker, C.M., Lindeberg, O., Polak, B., and Treur, J., Compositional Design and Verification of a Multi-Agent System for One-to-Many Negotiation. *Journal of Applied Intelligence*. Vol. 20, 2004, pp. 95 – 117. Extended version of [IC20].

J26   Dastani, M., Jonker, C.M., and Treur, J., A Requirement Specification Language for Configuration Dynamics of Multi-Agent Systems. *International Journal of Intelligent Systems*, Vol. 19, 2004, pp. 277 – 300. Extended version of [IC48].

2003

J25   Cornelissen, F., Jonker, C.M., and Treur, J., Compositional Verification of Knowledge-Based Task Models and Problem Solving Methods. *Knowledge and Information Systems Journal*. Vol. 5, 2003, pp. 337 – 367. Extended version of [IC7], see also [BC5].

J24   Jonker, C.M., Treur, J., and Wijngaards, W.C.A., A Temporal Modelling Environment for Internally Grounded Beliefs, Desires, and Intentions. *Cognitive Systems Research Journal*, Vol. 4(3), 2003, pp. 191-210. Extended version of [IC45].

J23   Jonker, C.M., and Treur, J., A Temporal-Interactivist Perspective on the Dynamics of Mental States. *Cognitive Systems Research Journal*. Vol. 4, 2003, pp. 137-155. Extended version of [IC50].

J22   Jonker, C.M., and Treur, J., Modelling the Dynamics of Reasoning Processes: Reasoning by Assumption. *Cognitive Systems Research Journal*. Vol. 4, 2003, pp. 119-136. Extended version of [IC56].

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J21   Boogerd, F., Bruggeman, F., Jonker, C.M., Looren de Jong, H., Tamminga, A., Treur, J., Westerfhoff, H.V., and Wijngaards, W.C.A., Interlevel Relations in Computer Science, Biology, and Psychology. *Philosophical Psychology Journal*. Vol. 15, 2002, pp. 463-471.

J20   Brazier, F.M.T., Cornelissen, F., Gustavsson, R., Jonker, C.M., Lindeberg, O., Polak, B., and Treur, J., A Multi-Agent System Performing One-to-Many Negotiation for Load Balancing of Electricity Use. *Electronic Commerce Research and Applications Journal*. Vol. 1, 2002, pp. 208-224. Extended version of [IC21].

J19   Brazier, F.M.T., Jonker, C.M., and Treur, J., Dynamics and Control in Component-Based Agent Models. *International Journal of Intelligent Systems*. Vol. 17, 2002, pp. 1007-1048. Extended version of [IBC13].

J18   Jonker, C.M., and Treur, J., Modelling Multiple Mind-Matter Interaction. Extended version of [IC6]. *International Journal of Human-Computer Studies*. Vol. 57, 2002, pp. 165-214.

J17   Jonker, C.M., Treur, J., and Vries, W. de, Temporal Analysis of the Dynamics of Beliefs, Desires, and Intentions. Extended version of [IC66]. *Cognitive Science Quarterly*. Special Issue on Desires, Goals, Intentions, and Values: Computational Architectures. Vol. 2, 2002, pp. 471-494.

J16   Jonker, C.M., Snoep, J.L., Treur, J., Westerhoff, H.V., and Wijngaards, W.C.A., Putting Intentions into Cell Biochemistry: An Artificial Intelligence Perspective. *Journal of Theoretical Biology*, Vol. 214, 2002, pp. 105-134.

J15   Jonker, C.M., Treur, J., and Wijngaards, W.C.A., Reductionist and Antireductionist Perspectives on Dynamics. *Philosophical Psychology Journal*, Vol. 15, 2002, pp. 381-409.

J14   Brazier, F.M.T., Jonker, C.M., and Treur, J., Principles of Component-Based Design of Intelligent Agents. *Data and Knowledge Engineering*. Extended version of [IC18]. Vol. 41, 2002, pp. 1-28.

J13   Engelfriet, J., Jonker, C.M., and Treur, J., Compositional Verification of Multi-Agent Systems in Temporal Multi-Epistemic Logic. *Journal of Logic, Language and Information*, Vol. 11, 2002, pp. 195-225. Extended version of [IC30], see also [IBC10].

J12   Herlea, D.E., Jonker, C.M., Treur, J., and Wijngaards, N.J.E., A Compositional Knowledge Level Process Model of Requirements Engineering. *International Journal of Software Engineering and Knowledge Engineering*, vol. 12, 2002, pp. 1-35. Extended version of [IC27].

J11   Jonker, C.M., and Treur, J., A Compositional Process Control Model and its Application to Biochemical Processes. *Applied Artificial Intelligence Journal*, vol. 16, 2002, pp. 49-71. Extended version of [IC24].

J10   Jonker, C.M., and Treur, J., Compositional Verification of Multi-Agent Systems: a Formal Analysis of

Pro-activeness and Reactiveness. *International Journal of Cooperative Information Systems*. Vol. 11, 2002, pp. 51-92. Extended version of [IC14], see also [IBC3].

2001
J9   Brazier, F. M. T., Jonker, C. M., Treur, J., and Wijngaards, N. J. E., Compositional Design of a Generic Design Agent. *Design Studies Journal*. vol. 22, 2001, pp. 439-471. Extended version of [IC15].

J8   Brazier, F.M.T., Jonker, C.M., Treur, J., and Wijngaards, N.J.E., Deliberative Evolution in Multi-Agent Systems. *International Journal of Software Engineering and Knowledge Engineering*, vol. 11, 2001, pp. 1-23. Extended version of [IC36], see also [IBC6].

J7   Jonker, C.M., Lam, R.A., and Treur, J., A Reusable Multi-Agent Architecture for Active Intelligent Websites. *Journal of Applied Intelligence*, vol. 15, 2001, pp. 7-24. Extended version of [IC22] and [IC25].

J6   Jonker, C. M., and Treur, J., Agent-Based Simulation of Animal Behaviour. *Journal of Applied Intelligence*. Vol. 15, 2001, pp. 83-115. Extended version of [IC12].

J5   Jonker, C. M., Treur, J., and, Wijngaards, W. C. A., An agent-based architecture for multi-modal interaction. *International Journal of Human-Computer Studies*, vol. 54, 2001, pp. 351-405. Extended version of [IC33].

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J4   Brazier, F. M. T., Cornelissen, F., Jonker, C. M., and, Treur, J., Compositional Specification of a Reusable Co-operative Agent Model. *International Journal of Cooperative Information Systems*, Vol. 9, 2000, pp. 171-207. Extended version of [IC8] and [IC5].

J3   Brazier, F. M. T., Jonker, C. M., and Treur, J., Compositional Design and Reuse of a Generic Agent Model. *Applied Artificial Intelligence Journal*, Vol. 14, 2000, pp. 491-538. Extended version of [IBC11].

J2   Brazier, F. M. T., Jonker, C. M., Treur, J., and Wijngaards, N.J.E, (2000), On the Use of Shared Task Models in Knowledge Acquisition, Strategic User Interaction and Clarification Agents. *International Journal of Human-Computer Studies*, Vol. 52, 2000, pp. 77-110. Extended version of [IC10], see also [IBC8].

Year 1999
J1   Brazier, F. M. T., Jonker, C. M., Jungen, F. J., and Treur, J., Distributed Scheduling to Support a Call Centre: a Co-operative Multi-Agent Approach. *Applied Artificial Intelligence Journal*, Vol. 13, 1999, pp. 65-90. H. S. Nwana and D. T. Ndumu (eds.), Special Issue on Multi-Agent Systems. Extended version of [IC19].

2   Contributions to books, published in relation to selected international reviewed conferences and workshops

*   = selection rate 50-65 %

**   = selection rate 35-50 %

***   = selection rate 15-35 %

To appear
IC197 **   Aydogan, R., Hindriks, K.V., & Jonker C.M. (to appear). Multilateral mediated negotiation protocols with feedback. In Proceedings of The 5th International Workshop on Agent-based Complex Automated Negotiations (ACAN 2012).

IC196 **   Aydogan, R., Baarslag T., Hindriks, K.V., Jonker C.M., & Yolum, P. (to appear). Heuristic-based Approaches for CP-Nets in Negotiation. In Proceedings of The Fourth International Workshop on Agent-based Complex Automated Negotiations (ACAN 2012).

IC195 **   Baarslag, T., Hindriks K.V., & Jonker C.M. (to appear). Acceptance Conditions in Automated Negotiation. Proceedings of The Fourth International Workshop on Agent-based Complex Automated Negotiations (ACAN 2011). (Preliminary version).

IC194 **   Baarslag, T., Hindriks K.V., Hendrikx, M., Dirkzwager, A., & Jonker C.M. (to appear). Decoupling negotiating agents to explore the space of negotiation strategies. In Proceedings of The 5th International Workshop on Agent-based Complex Automated Negotiations (ACAN 2012).

IC193 **   Harbers, M., Riemsdijk, M.B. van, & Jonker, C.M. (to appear). Measuring Shardness of Mental Models and its Relation to Team Performance. In Proceedings of The 14th International Workshop on Coordination, Organisations, Institutions and Norms, (COIN@AAMAS 2012).

IC192 **   Jonker, C.M., Riemsdijk, M.B. van, Kieft, I. van de, & Gini, M. (2012). Compositionality of Team Mental Models in Relation to Shardness and Team Performance. In: Proceedings of the 25th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE 2012). *Lecture Notes in Computer Science, 7345*, pp. 243-251.

IC191 **   Riemsdijk, M.B. van, Jonker, C.M., Rens, T., & Wang, Z. (2012). Negotiation Game for Improving Decision Making in Self-managing Teams. In: Ding, W., Jiang, H., Ali, M., and Li, M. (eds.), Modern Advances in Intelligent Systems and Tools. *Studies in Computational Intelligence, 431*, pp., 63-70.

IC190 **   Sanchez-Anguix,, V., Aydogan, R., Julian, V., & Jonker, C.M. (to appear). Analysis of Intra-Team Strategies for Teams Negotiating Against Competitor, Matchers, and Conceders. In Proceedings of The 5th International Workshop on Agent-based Complex Automated Negotiations (ACAN 2012).

IC189 **   Shi, Y., Wiggers, P., and Jonker, C.M. (to appear). Dynamic Bayesian socio-situational setting classification. In: *Proceedings of IEEE International conference on acoustics, speech and signal processing*, ICASSP 2012.

IC188 **   Visser, W., Hindriks, K.V., & Jonker, C.M. (to appear). Goal-based Qualitative Preference Systems. In Proceedings of International Workshop on Declarative Agent Languages and Technologies (DALT 2012).

IC187 **   Zwaan, J. van der, Dignum, V., & Jonker, C.M. (to appear). A BDI dialogue agent for social support: specification and evaluation method. In Proceedings of the International Workshop on Emotional and Empathic Agents (EEA 2012).

IC186 **   Zwaan, J. van der, Dignum, V., & Jonker, C.M. (2012). A conversation model enabling intelligent agents to give emotional support. In: Ding, W., Jiang, H., Ali, M., and Li, M. (eds.), Modern Advances in Intelligent Systems and Tools. *Studies in Computational Intelligence, 431*, pp., 47-52.

Year 2012

IC185 **   Detweiler, C.A., Dechesne, F., Hindriks, K.V., and Jonker, C.M., (2012). Ambient Intelligence Implies Responsibility. In: T. Bosse (ed.) *Agents and Ambient Intelligence - Achievements and Challenges in the Intersection of Agent Technology and Ambient Intelligence*. pp. 33 - 61. Amsterdam: IOS Press. DOI: 10.3233/978-1-61499-050-5-33. Also in: *Ambient Intelligence and Smart Environments*, vol. 12.

IC184 **   Hindriks, K.V., Van Riemsdijk, M.B., & Jonker, C.M., (2012). An Empirical Study of Patterns in Agent Programs. In Desai, N., Liu, A., & Winikoff, M. (eds.), *Principles of Practice of Multi-Agent Systems* (PRIMA 2010)*, Lecture Notes in Artificial Intelligence, 7057; 196-211.* Springer-Verlag. Best paper award (runner up). Preliminary version.

IC183 **   Hindriks, K.V., Visser, W., & Jonker, C.M. (2012). Multi-attribute Preference Logic. In: Desai N, Liu A., and Winikoff M. (eds.), *Principles and Practice of Multi-Agent Systems* (PRIMA 2010). Lecture Notes in Artificial Intelligence, 7057: 181-195. Preliminary version.

IC182 **   Visser, W., Aydoğan, R., Hindriks, K.V., & Jonker, C.M. (2012). A Framework for Qualitative Multi-Criteria Preferences. In *Proceedings of the 4th International Conference on Agents and Artificial Intelligence* (ICAART 2012), SciTePress, pp. 243-248. Preliminary version, DOI: 10.5220/0003718302430248.

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IC181 **   Baarslag, T., Hindriks K.V., & Jonker C.M. (2011). Towards a Quantitative Concession-Based Classification Method of Negotiation Strategies. In Kinny D, Hsu JY-j, Governatori G, Ghose A, (eds.), *Agents in Principle, Agents in Practice*, Proceedings of The 14th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA-2011), *Lecture Notes in Artificial Intelligence*, *7047:* 143-158, Springer. Preliminary version,

IC180   Bosse, T., Geller, A., & Jonker, C.M. (2011). *Multi-Agent-Based Simulation XI*, International Workshop, MABS 2010, Toronto, Canada, May 11, 2010, Revised Selected Papers. *Lecture Notes*

in Computer Science, *6532*. DOI: 10.1007/978-3-642-18345-4, Springer Verlag.

IC179 **   Broekens, J., Harbers, M., Brinkman, W.P., Jonker, C.M., Bosch, K. van den, and Meyer, J.J.Ch. (2011). <u>Validity of a Virtual Negotiation Training</u>. In Proceedings of the 11th International Conference on Intelligent Virtual Agents, IVA 2011, *Lecture Notes in Computer Science, 6895*: 435-436. Springer Verlag.

IC178 **   Detweiler, C., Hindriks, K.V., & Jonker, C.M. (2011). <u>Principles for Value-Sensitive Agent-Oriented Software Engineering</u>. In: Weyns D, Gleizes M-P, (eds.), *Agent-Oriented Software Engineering XI*, AOSE2010, *Lecture Notes in Computer Science, 6788:* 1-16.

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[†] Authorship in the publications before 2005 is based on comparable contribution to the publication, which is expressed by using alphabetical ordering of author names. This is the standard for the Agent Systems Research Group of the VU where I worked from 1995 till 2005. I made one exception to this rule: [IC114].

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