

References

- [1] Simon Adameit, Tobias Betz, Lawrence Cabac, Florian Hars, Marcin Hewelt, Michael Köhler-Bußmeier, Daniel Moldt, Dimitri Popov, José Quenum, Axel Theilmann, Thomas Wagner, Timo Warns, and Lars Wüstenberg. Herold - agent-oriented, policy-based network security management. In *Future Security, 5th Security Research Conference, Berlin; 2010*, 2010.
- [2] Unai Arronategui and Daniel Moldt. A proposal for multi-agent system based modeling and validation of self-organization. In *Session: Agent-Based and Holonic Manufacturing Systems, 2nd IEEE International Conference on Industrial Informatics Fraunhofer IPK, Berlin, INDIN'04, 2004*, 2004.
- [3] Andreas Bartelt, Lars Braubach, Daniel Moldt, Alexander Pokahr, and Winfried Lamersdorf. Tool-supported interpreter-based user interface architecture for ubiquitous computing. In P. Forbrig, Q. Limbourg, B. Urban, and J. Vanderdonckt, editors, *Interactive Systems - Design, Specification, and Verification*, volume 2545 of *Lecture Notes in Computer Science*, pages 89–103. Springer-Verlag, 2002.
- [4] Andreas Bartelt, Lars Braubach, Daniel Moldt, Alexander Pokahr, and Winfried Lamersdorf. Vesuf, eine modellbasierte User Interface Entwicklungsumgebung für das Ubiquitous Computing. In Michael Herczeg, Wolfgang Prinz, and Horst Oberquelle, editors, *Mensch & Computer 2002 – Vom interaktiven Werkzeug zu kooperativen Arbeits- und Lernwelten*, volume 56 of *Berichte der German Chapter of the ACM*, pages 185–194, Stuttgart, Leipzig, Wiesbaden, August 2002. 2. fachübergreifende Konferenz, Hamburg, 2. bis 5. September 2002, Teubner.
- [5] Ulrich Becker and Daniel Moldt. Object-oriented concepts for coloured Petri nets. In IEEE, editor, *Conference Proceedings, IEEE International Conference on Systems, Man and Cybernetics*, volume 3, pages 279–286, Le Touquet, France, October 1993. IEEE.
- [6] Ulrich Becker and Daniel Moldt. Objekt-orientierte Konzepte für gefärbte Petrinetze. In Scheschonk and Reisig [187], pages 140–151.
- [7] Nicole Beckmann and Daniel Moldt. How to produce prototyping specifications with coloured Petri nets. Fachbereichsmitteilung FBI-HH-M 225/93, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, January 1993.
- [8] Nicole Beckmann and Daniel Moldt. Prototyping mit gefärbten Petrinetzen. In Arbeitsgemeinschaft für Datenverarbeitung (ADV), editor, *CASE 93, 4.-7. 10. 93, Wien*, pages 92–111, Piaristengasse 19, Wien, Austria, 1993. ADV, A. Riegelnik (ADV).
- [9] Sofiane Bendoukha, Hayat Bendoukha, and Daniel Moldt. Building cloud-based scientific workflows made easy: A remote sensing application. In Aaron Marcus, editor, *Design, User Experience, and Usability: Users and Interactions - 4th International Conference, DUXU 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015, Proceedings, Part II*, volume 9187 of *Lecture Notes in Computer Science*, pages 277–288. Springer, 2015.

- [10] Sofiane Bendoukha, Hayat Bendoukha, and Daniel Moldt. ICNETS: Towards designing inter-cloud workflow management systems by Petri nets. In Joseph Barjis, Robert Pergl, and Eduard Babkin, editors, *Enterprise and Organizational Modeling and Simulation*, volume 231 of *Lecture Notes in Business Information Processing*, pages 187–198. Springer International Publishing, 2015.
- [11] Sofiane Bendoukha, Hayat Bendoukha, and Daniel Moldt. Renewgrass - a tool for building scientific workflows: Application to the remote sensing domain. In *Information Reuse and Integration (IRI), 2015 IEEE International Conference on*, pages 311–317, Aug 2015.
- [12] Sofiane Bendoukha, Daniel Moldt, and Hayat Bendoukha. Building cloud-based scientific workflows made easy: A remote sensing application. In Aaron Marcus, editor, *4th International Conference on Design, User Experience and Usability*, volume 9187 of *Lecture Notes in Computer Science*, pages 277–288. Springer-Verlag, 2015.
- [13] Sofiane Bendoukha, Daniel Moldt, and Thomas Wagner. Enabling cooperation in an inter-cloud environment: An agent-based approach. In *Database and Expert Systems Applications (DEXA), 2013 24th International Workshop on*, pages 217–221, 2013.
- [14] Robin Bergenthum and Jörg Desel, editors. *Algorithmen und Werkzeuge für Petrinetze. 18. Workshop AWPN 2011, Hagen, September 2011. Tagungsband*, 2011.
- [15] Alexander Borusan and Daniel Moldt. A Method for modelling CIM-Systems with Coloured Petri Nets. Fachbereichsmitteilung FBI-HH-M 226/93, Universität Hamburg, Fachbereich Informatik, Vogt-Kölln Str. 30, D-22527 Hamburg, August 1992.
- [16] Alexander Borusan and Daniel Moldt. A method for modelling CIM-systems with coloured Petri nets. In *Proceedings of CARs & FOF '92, 8th International Conference on CAD CAM, Robotics and Factories of the Future, Metz, France*, volume 1, pages 398–412, August 1992.
- [17] Alexander Borusan and Daniel Moldt. A method for developing CIM-systems with coloured Petri nets. In Michel Cotsafis and Francois Vernadat, editors, *Advances in Factories of the Future, CIM and Robotics*, pages 91–100. Elsevier, Amsterdam London New York, 1993.
- [18] Elke Bouillon, Baris Güldali, Andrea Herrmann, Thorsten Keuler, Daniel Moldt, and Matthias Riebisch. Leichtgewichtige traceability im agilen entwicklungsprozess am beispiel von scrum. *Softwaretechnik-Trends*, 33(1), 2013.
- [19] Lars Braubach, Winfried Lamersdorf, Daniel Moldt, and Alexander Pokahr. Exploiting a model-based interface construction mechanism for automatic adaption of cooperative agent communication. In Tim Finnin, Filip Perich, and Zakaria Maamar, editors, *AAMAS Workshop on Ubiquitous Agents on Embedded, Wearable, and Mobile Devices*. ACM Press, July 2002.
- [20] Lawrence Cabac, Ragna Dirkner, and Daniel Moldt. Modeling with service dependency diagrams. In Moldt et al. [172], pages 109–118.

- [21] Lawrence Cabac, Till Dörge, Michael Duvigneau, and Daniel Moldt. Requirements and tools for the debugging of multi-agent systems. In Lars Braubach, Wiebke van der Hoek, Paolo Petta, and Alexander Pokahr, editors, *Multiagent System Technologies. 7th German Conference, MATES 2009, Hamburg, Germany, September 9-11, 2009. Proceedings*, volume 5774 of *Lecture Notes in Artificial Intelligence*, pages 238–247, Berlin Heidelberg New York, September 2009. Springer-Verlag.
- [22] Lawrence Cabac, Till Dörge, Michael Duvigneau, Daniel Moldt, Christine Reese, and Matthias Wester-Ebbinghaus. Agent models for concurrent software systems. In Ralph Bergmann and Gabriela Lindemann, editors, *Proceedings of the Sixth German Conference on Multiagent System Technologies, MATES'08*, volume 5244 of *Lecture Notes in Artificial Intelligence*, pages 37–48, Berlin Heidelberg New York, 2008. Springer-Verlag.
- [23] Lawrence Cabac, Michael Duvigneau, Michael Köhler, Kolja Lehmann, Daniel Moldt, Sven Offermann, Jan Ortmann, Christine Reese, Heiko Rölke, and Volker Tell. PAOSE Settler demo. In *First Workshop on High-Level Petri Nets and Distributed Systems (PNDS) 2005*, Vogt-Kölln Str. 30, D-22527 Hamburg, March 2005. University of Hamburg, Department of Computer Science.
- [24] Lawrence Cabac, Michael Duvigneau, and Daniel Moldt, editors. *Petri Nets and Software Engineering. International Workshop PNSE'12, Hamburg, Germany, June 2012. Proceedings*, volume 851 of *CEUR Workshop Proceedings*. CEUR-WS.org, June 2012.
- [25] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Agent technologies for plug-in system architecture design. In *Proceedings of the Workshop on Agent-oriented Software Engineering (AOSE)*, Utrecht, Netherlands, 2005.
- [26] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Modeling dynamic architectures using nets-within-nets. In Gianfranco Ciardo and Philippe Darondeau, editors, *Applications and Theory of Petri Nets 2005. 26th International Conference, ICATPN 2005, Miami, USA, June 2005. Proceedings*, volume 3536 of *Lecture Notes in Computer Science*, pages 148–167, 2005.
- [27] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Multi-agent concepts as basis for dynamic plug-in software architectures. In *Proceedings of the International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2005)*, pages 1157–1158, 2005.
- [28] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Applying multi-agent concepts to dynamic plug-in architectures. In Jörg Mueller and Franco Zambonelli, editors, *Agent-Oriented Software Engineering VI: 6th International Workshop, AOSE 2005, Utrecht, Netherlands, July 21, 2005. Revised Selected Papers*, volume 3950 of *Lecture Notes in Computer Science*, pages 190–204, Berlin Heidelberg New York, June 2006. Springer-Verlag.
- [29] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Benjamin Schleinzer. Plugin-agents as conceptual basis for flexible software structures. In *Multi-Agent Systems and Applications V. Fifth International Central and East European Conference, CEEMAS'07, Leipzig. Proceedings*, volume 4696 of *Lecture Notes in Computer Science*, pages 340–342, Berlin Heidelberg New York, 2007. Springer-Verlag.

- [30] Lawrence Cabac, Michael Duvigneau, Daniel Moldt, and Matthias Wester-Ebbinghaus. Towards unit testing for Java reference nets. In Bergenthum and Desel [14], pages 1–6.
- [31] Lawrence Cabac, Nicolas Knaak, and Daniel Moldt. Applying process mining to interaction analysis of Petri net-based multi-agent models. Technical Report 271, University of Hamburg, Department of Informatics, May 2006.
- [32] Lawrence Cabac, Nicolas Knaak, and Daniel Moldt. Net components for the modeling of process mining chains. In Moldt [145].
- [33] Lawrence Cabac, Nicolas Knaak, Daniel Moldt, and Heiko Rölke. Analysis of multi-agent interactions with process mining techniques. In *Multiagent System Technologies. 4th German Conference, MATES 2006 Erfurt, Germany. Proceedings*, volume 4196 of *Lecture Notes in Computer Science*, pages 12–23, Berlin Heidelberg New York, 2006. Springer-Verlag.
- [34] Lawrence Cabac and Daniel Moldt. Formal semantics for AUML agent interaction protocol diagrams. In James Odell, Paolo Giorgini, and Jörg P. Müller, editors, *The Fifth International Workshop on Agent-Oriented Software Systems (AOSE-2004). Proceedings*, pages 97–111, New York, USA, July 2004. Columbia University.
- [35] Lawrence Cabac and Daniel Moldt. Formal semantics for AUML agent interaction protocol diagrams. In *Agent-Oriented Software Engineering V: 5th International Workshop, AOSE 2004, New York, NY, USA, July 19, 2004. Revised Selected Papers*, volume 3382 of *Lecture Notes in Computer Science*, pages 47–61. Springer-Verlag, January 2005.
- [36] Lawrence Cabac and Daniel Moldt. Support for modeling roles and dependencies in multi-agent systems. In Köhler-Bußmeier et al. [98], pages 15–33. Preproceedings available online at <http://www.informatik.uni-hamburg.de/TGI/events/orgmod09/\#proceedings>.
- [37] Lawrence Cabac, Daniel Moldt, and Heiko Rölke. A proposal for structuring Petri net-based agent interaction protocols. In Wil van der Aalst and Eike Best, editors, *24th International Conference on Application and Theory of Petri Nets, Eindhoven, Netherlands, June 2003*, volume 2679 of *Lecture Notes in Computer Science*, pages 102–120. Springer-Verlag, June 2003.
- [38] Lawrence Cabac, Daniel Moldt, and Jan Schlüter. Adding runtime net manipulation features to MulanViewer. In *15. Workshop Algorithmen und Werkzeuge für Petrinetze, AWPN'08*, volume 380 of *CEUR Workshop Proceedings*, pages 87–92. Universität Rostock, September 2008.
- [39] Lawrence Cabac, Daniel Moldt, Matthias Wester-Ebbinghaus, and Eva Müller. Visual representation of mobile agents – modeling mobility within the prototype MAPA. In Duvigneau and Moldt [45], pages 7–28.
- [40] Alioune Diagne, Jean-Michel Ilié, and Daniel Moldt. Integration of semi-formal and formal approaches. In *ECOOP'97, Workshop Nr. 6: Models, Formalisms and Methods for Distributed Object-Oriented Computing, 9.6.97 in Finland, 1997*.

- [41] Alioune Diagne, Jean-Michel Ilié, and Daniel Moldt. A Petri net-based support for object-oriented specification of complex control systems. In Farwer et al. [53], pages 163–174.
- [42] Alioune Diagne, Jean-Michel Ilié, and Daniel Moldt. Verification and validation techniques to use uml for control systems. In *GMA-Fachtagung Steuerungstechnik Methodik komplexer Anwendungen Projektierung - Inbetriebnahme - Betrieb, 30.9.-1.10.1997 in Langen*, 1997.
- [43] Alioune Diagne, Jean-Michel Ilié, and Daniel Moldt. Verification and validation techniques to use UML for the specification of reactive systems. In *In Proceedings (CD-ROM) of Hawaii International Conference on System Sciences (HICSS'31), Big Island of Hawaii, 6–9 January*, 1998.
- [44] Carsten Döhning, Daniel Moldt, and Ingrid Wetzel. Strukturbedingte Kooperationsformen in Geschäftsprozessen. In Herrad Schmidt, editor, *Modellierung betrieblicher Informationssysteme, Proceedings der MobIS-Fachtagung 2000*, pages 85–105, Siegen, 2000.
- [45] Michael Duvigneau and Daniel Moldt, editors. *Proceedings of the Fifth International Workshop on Modeling of Objects, Components and Agents, MOCA'09, Hamburg*, number FBI-HH-B-290/09 in Bericht, Vogt-Kölln Str. 30, D-22527 Hamburg, September 2009. University of Hamburg, Department of Informatics.
- [46] Michael Duvigneau and Daniel Moldt, editors. *Proceedings of the International Workshop on Petri Nets and Software Engineering, PNSE'10, Braga, Portugal*, number FBI-HH-B-294/10 in Bericht, Vogt-Kölln Str. 30, D-22527 Hamburg, June 2010. University of Hamburg, Department of Informatics.
- [47] Michael Duvigneau, Daniel Moldt, and Kunihiro Hiraishi, editors. *Petri Nets and Software Engineering. International Workshop PNSE'11, Newcastle upon Tyne, UK, June 2011. Proceedings*, volume 723 of *CEUR Workshop Proceedings*. CEUR-WS.org, June 2011.
- [48] Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Concurrent architecture for a multi-agent platform. In Fausto Giunchiglia, James Odell, and Gerhard Weiß, editors, *Agent-Oriented Software Engineering. 3rd International Workshop, AOSE 2002, Bologna. Proceedings*, pages 147–159. ACM Press, July 2002.
- [49] Michael Duvigneau, Daniel Moldt, and Heiko Rölke. Concurrent architecture for a multi-agent platform. In Fausto Giunchiglia, James Odell, and Gerhard Weiß, editors, *Agent-Oriented Software Engineering III. Third International Workshop, Agent-oriented Software Engineering (AOSE) 2002, Bologna, Italy, July 2002. Revised Papers and Invited Contributions*, volume 2585 of *Lecture Notes in Computer Science*, pages 59–72, Berlin Heidelberg New York, 2003. Springer-Verlag.
- [50] Joaquín Ezpeleta and Daniel Moldt. A proposal for flexible testing of deadlock control strategies in resource allocation systems. In Zohreh Pahlavani, editor, *Proceedings of International Conference on Computational Intelligence for Modelling Control and Automation, in Vienna, Austria, 12–14 February*, 2003.

- [51] Berndt Farwer and Daniel Moldt, editors. *Object Petri Nets, Processes, and Object Calculi*, number FBI-HH-B-265/05 in Report of the Department of Informatics, Vogt-Kölln Str. 30, D-22527 Hamburg, August 2005. University of Hamburg, Department of Computer Science.
- [52] Berndt Farwer, Daniel Moldt, and F. García-Vallés. An approach to modelling FMS with dynamic object Petri nets. In *Proceedings of the 2002 IEEE International Conference on Systems, Man and Cybernetics.*, pages 1–6, Hammamet, Tunisia, October 2002.
- [53] Berndt Farwer, Daniel Moldt, and Mark-Oliver Stehr, editors. *Proceedings of the Workshop on Petri Nets in System Engineering (PNSE'97), Hamburg, September 25-26, 1997*, number FBI-HH-B-205/97 in Report of the Department of Informatics. University of Hamburg, Department of Computer Science, September 1997.
- [54] Julia Fix, Michael Duvigneau, and Daniel Moldt. Bereitstellung eines Synchronisationsmechanismus für MULAN basierte Agenten. In Bergenthum and Desel [14], pages 8–14.
- [55] Julia Fix and Daniel Moldt. Modelling emotions in multi-agent systems based on Petri-net modelling technique. In D. Reichardt, P. Levi, and J.-J. Chr. Meyer, editors, *Emotion and Computing – Current Research and Future Impact. 1st Workshop at KI 2006, Bremen, Germany. Proceedings*, pages 19–22. University of Bremen, 2006.
- [56] Julia Fix and Daniel Moldt. A reference architecture for modelling of emotional agent systems. In Lars Braubach, Wiebke van der Hoek, Paolo Petta, and Alexander Pokahr, editors, *Multiagent System Technologies. 7th German Conference, MATES 2009, Hamburg, Germany, September 9-11, 2009. Proceedings*, volume 5774 of *Lecture Notes in Artificial Intelligence*, pages 189–194, Berlin Heidelberg New York, September 2009. Springer-Verlag.
- [57] Julia Fix, Daniel Moldt, and Christian von Scheve. Emotional agent systems: Modelling emotions in large-scale artificial societies. In Karl-Heinz Simon and Christian von Scheve, editors, *Proceedings of ISA – RC 51 on Sociocybernetics – Science of Social Systems – at the XVIth World Congress of Sociology – The Quality of Social Existence in a Globalising World, Durban, South Africa, July 23-29, 2006*. International Sociological Association, 2006.
- [58] Julia Fix, Christian von Scheve, and Daniel Moldt. Emotion-based norm enforcement and maintenance in multi-agent systems. In *Proceedings of the International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2006)*, 2006.
- [59] Olaf Fricke and Daniel Moldt. Formal description of structured analysis models by coloured Petri nets. In Scheschonk and Reisig [187], pages 165–179.
- [60] Olaf Fricke and Daniel Moldt. Formale Semantik für funktionale und dynamische Modelle der Strukturierten Analyse auf der Basis gefärbter Petrinetze. Report of the Department of Informatics FBI-HH-B-188/96, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 1996. August.
- [61] Olaf Fricke and Daniel Moldt. Übertragung der Statechart-Konzepte auf gefärbte Petrinetze – Stellenerweiterung als Hierarchiekonzept. Fachbereichsmitteilung FBI-HH-

- M-260/96, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 1996. August.
- [62] Holger Giese and Stephan Philippi, editors. *Visuelle Verhaltensmodellierung verteilter und nebenläufiger Software-Systeme*, 8. Workshop des Arbeitskreises GROOM der GI Fachgruppe 2.1.9 Objektorientierte Software-Entwicklung, 13.-14. November 2000, Universität Münster, November 2000.
- [63] C. Girault and Rüdiger Valk, editors. *Petri Nets for Systems Engineering: A Guide to Modelling, Verification, and Applications*, Berlin Heidelberg New York, 2003. Springer-Verlag.
- [64] Dirk Hauschildt and Daniel Moldt. Petrinetze. Vorlesungsskript wintersemester 1993/1994, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 1994.
- [65] Sven Heitsch, Michael Köhler, Marcel Martens, and Daniel Moldt. Applying high-level Petri nets for a model of organizational decision making. In Kurt Jensen, editor, *Proceedings of Workshop on the Practical Use of High-Level Petri Nets (HLPN2000)*, pages 35–54. University of Aarhus, Department of Computer Science, June 2000. Published as DAIMI PB: Workshop Proceedings Practical Use of High-level Petri Nets, number 547.
- [66] Sven Heitsch, Marcel Martens, and Daniel Moldt. Petri nets with synchronous channels applied to a sociological model. In *Second Workshop and Tutorial on Practical Use of Coloured Petri Nets and Design/CPN (CPN'99)*, Aarhus, 1999.
- [67] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Akteurstheoretische Betrachtungen organisationaler Handlungen. Report of the research program: Act in Social Contexts FBI-HH-M 300/01, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 2000. Beitrag auf dem Workshop Sozionik 2000.
- [68] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Akteurstheoretische Betrachtungen organisationaler Handlungen. Report of the research program: Act in Social Contexts FBI-HH-B-300/01, Fachbereich Informatik, Universität Hamburg, 2001.
- [69] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Bourdieus Habitus-Konzept als prägendes Strukturelement für Multiagentensysteme. Report of the research program: Act in Social Contexts FBI-HH-B-298/01, University of Hamburg, Department of Computer Science, 2001.
- [70] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Modelling a sociological case study. In C. Jonker, G. Lindemann, and C. Castelfranchi, editors, *Modelling Artificial Societies and Hybrid Organisations (MASHO'01)*, 2001.
- [71] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Organisation etablierter Machtzentren: Modellierungen und Reanalysen zu Norbert Elias. Report of the research program: Act in Social Contexts FBI-HH-M-306/01, University of Hamburg, Department of Computer Science, 2001.

- [72] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Stellenstreichungen an der Universität Mitteldorf. Report of the research program: Act in Social Contexts FBI-HH-M-303/01, University of Hamburg, Department of Computer Science, 2001.
- [73] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Modellierungen und Reanalysen zur Habitus-Feld Theorie von Pierre Bourdieu. Report of the research program: Act in social contexts, University of Hamburg, Department of Computer Science, 2002.
- [74] Daniela Hinck, Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Soziologische Grundlagen des Handelns modelliert mit Petrinetzen – Akteurmodelle. Report of the research program: Act in Social Contexts FBI-HH-M-315/02, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 2002.
- [75] Daniela Hinck, Roman Langer, Daniel Moldt, and Rolf v. Luede. Fundierung und Modellierung von Entscheidungen und Verhalten in komplexen Organisationen. In *30. Kongress der Deutschen Gesellschaft für Soziologie: Gute Gesellschaft? Zur Konstruktion sozialer Ordnungen; Ad-Hoc Gruppe zum Thema Sozionik: "Künstliche Sozialität" als soziologisches Forschungsfeld, 26.09.00–29.09.00*. Universität zu Köln, Seminar für Soziologie, September 2000.
- [76] Thomas Jacob, Olaf Kummer, and Daniel Moldt. Database backing for Petri net simulations. In Gabriel Juhás and Robert Lorenz, editors, *8. Workshop Algorithmen und Werkzeuge für Petrinetze*, pages 61–65. Lehrstuhl für angewandte Informatik, KU Eichstätt, 2001.
- [77] Thomas Jacob, Olaf Kummer, and Daniel Moldt. Datenbank-Sicherung für Petrinetze. In Gabriel Juhás and Robert Lorenz, editors, *8. Workshop Algorithmen und Werkzeuge für Petrinetze*, pages 61–65. Lehrstuhl für angewandte Informatik, KU Eichstätt, 2001.
- [78] Thomas Jacob, Olaf Kummer, and Daniel Moldt. Persistent Petri net execution. *Petri Net Newsletter*, 61:18–26, October 2001.
- [79] Thomas Jacob, Olaf Kummer, Daniel Moldt, and Ulrich Ultes-Nitsche. Implementation of workflow systems using reference nets – security and operability aspects. In Kurt Jensen, editor, *Fourth Workshop and Tutorial on Practical Use of Coloured Petri Nets and the CPN Tools*, Ny Munkegade, Bldg. 540, DK-8000 Aarhus C, Denmark, August 2002. University of Aarhus, Department of Computer Science. DAIMI PB: Aarhus, Denmark, August 28–30, number 560.
- [80] Franziska Klügel, Gabriela Lindemann, and Daniel Moldt, editors. *Proceedings of the First International Workshop on Social Life (SOLI'03)*, 2003. In Verbindung mit der: 7th European Conference on Artificial Life (ECAL 2003), 14.–17. September 2003, Dortmund, Germany.
- [81] Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Combining the sociological theory of Bourdieu with multi agent systems. In C. Jonker, A. Letia, G. Lindemann, and T. Uthmann, editors, *14th ECAI European Conference on Artificial Intelligence, Workshop MASHO Modelling Artificial Societies and Hybrid Organization*, ECAI Workshop Notes, 2000.

- [82] Michael Köhler, Roman Langer, Daniel Moldt, and Heiko Rölke. Pierre Bourdieu: Praxis – Kapital – Habitus. In v. Lüde et al. [191], pages 105–137.
- [83] Michael Köhler, Roman Langer, Daniel Moldt, Heiko Rölke, and Daniela Spresny. Universität Mitteldorf: Ein Modell universitärer Entscheidungsfindung. In v. Lüde et al. [191], pages 213–237.
- [84] Michael Köhler, Roman Langer, Rolf von Lüde, Daniel Moldt, Heiko Rölke, and Rüdiger Valk. Socionic multi-agent systems based on reflexive petri nets and theories of social self-organisation. *Journal of Artificial Societies and Social Simulation*, 10(1), 2007.
- [85] Michael Köhler, Daniel Moldt, and Jan Ortmann. Dynamic service composition: A Petri-net based approach. In Y. Manolopoulos, J. Filipe, P. Constantopoulos, and J. Cordeiro, editors, *Proceedings of the Eighth International Conference on Enterprise Information Systems (ICEIS 2006) – Software Agents and Internet Computing*, pages 159–165, 2006.
- [86] Michael Köhler, Daniel Moldt, and Heiko Rölke. Einheitliche Modellierung von Agenten und Agentensystemen mit Referenznetzen. In S. Jablonski, S. Kirn, M. Plaha, E. Sinz, A. Ulbrich-vom Ende, and G. Weiß, editors, *Tagungsunterlagen: Verteilte Informationssysteme auf der Grundlage von Objekten, Komponenten und Agenten (vertIS 2001)*, Universität Bamberg, 4–5. Oktober 2001, pages 3–20, October 2001.
- [87] Michael Köhler, Daniel Moldt, and Heiko Rölke. Modelling the structure and behaviour of Petri net agents. In J.M. Colom and M. Koutny, editors, *Proceedings of the 22nd Conference on Application and Theory of Petri Nets 2001*, volume 2075 of *Lecture Notes in Computer Science*, pages 224–241. Springer-Verlag, 2001.
- [88] Michael Köhler, Daniel Moldt, and Heiko Rölke. Liveness preserving composition of behaviour protocols for Petri net agents. Report of the research program: Act in Social Contexts FBI-HH-M-316/02, University of Hamburg, Department of Computer Science, June 2002.
- [89] Michael Köhler, Daniel Moldt, and Heiko Rölke. A discussion of social norms with respect to the micro-macro link. In Lindemann et al. [113]. In Verbindung mit: The Ninth International Conference on Artificial Intelligence and Law (ICAIL 2003), 24–28 June, 2003 Edinburgh, Scotland, UK.
- [90] Michael Köhler, Daniel Moldt, and Heiko Rölke. Eine sozionische Agentenarchitektur. In v. Lüde et al. [191], pages 347–369.
- [91] Michael Köhler, Daniel Moldt, and Heiko Rölke. Modelling mobility and mobile agents using nets within nets. In Wil van der Aalst and Eike Best, editors, *Proceedings of the 24th International Conference on Application and Theory of Petri Nets 2003 (ICATPN 2003)*, volume 2679 of *Lecture Notes in Computer Science*, pages 121–139. Springer-Verlag, 2003.
- [92] Michael Köhler, Daniel Moldt, and Heiko Rölke. Strukturdynamik als Grundlage zur Modellierung und Simulation menschlichen Verhaltens. In H.-D. Burkhard, T. Uthmann, and G. Lindemann, editors, *Proceedings des Workshops Modellierung und Simulation menschlichen Verhaltens*, volume 163 of *Informatik-Bericht*. Humboldt-Universität zu Berlin, 2003.

- [93] Michael Köhler, Daniel Moldt, Heiko Rölke, and Daniela Spresny. Handlung und Struktur. Modellierung von Akteurmodellen. In v. Lüde et al. [191], pages 139–172.
- [94] Michael Köhler, Daniel Moldt, Heiko Rölke, and Rüdiger Valk. Structuring of complex socionic systems using reference nets. Report of the Department of Informatics 248, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 2003.
- [95] Michael Köhler, Daniel Moldt, Heiko Rölke, and Rüdiger Valk. Petri nets and social science. *Petri Net Newsletter*, 67:5–9, 2004.
- [96] Michael Köhler, Daniel Moldt, Heiko Rölke, and Rüdiger Valk. Linking micro and macro description of scalable social systems using reference nets. In Klaus Fischer, Michael Florian, and Thomas Malsch, editors, *Socionics: Sociability of Complex Social Systems*, volume 3413 of *Lecture Notes in Artificial Intelligence*, pages 51–67. Springer-Verlag, 2005.
- [97] Michael Köhler-Bußmeier and Daniel Moldt. Analysis of mobile agents using invariants of object nets. *Electronic Communications of the EASST: Special Issue on Formal Modeling of Adaptive and Mobile Processes*, 12, 2009. <http://www.easst.org/eceasst/>.
- [98] Michael Köhler-Bußmeier, Daniel Moldt, and Olivier Boissier, editors. *Organizational Modelling, International Workshop, OrgMod'09. Proceedings*, Technical Reports Université Paris 13, 99, avenue Jean-Baptiste Clément, 93 430 Villetaneuse, June 2009. Université Paris 13. Preproceedings available online at <http://www.informatik.uni-hamburg.de/TGI/events/orgmod09/\#proceedings>.
- [99] Michael Köhler-Bußmeier, Daniel Moldt, and Matthias Wester-Ebbinghaus. A formal model for organisational structures behind process-aware information systems. In Wil van der Aalst and Kurt Jensen, editors, *Transactions on Petri Nets and Other Models of Concurrency II: Special Issue on Concurrency in Process-Aware Information Systems*, volume 5460 of *Lecture Notes in Computer Science*, pages 98–115. Springer-Verlag, 2009.
- [100] Michael Köhler-Bußmeier, Matthias Wester-Ebbinghaus, and Daniel Moldt. Generating executable multi-agent system prototypes from sonar specifications. In Nicoletta Fornara and George Vouros, editors, *11th Workshop on Coordination, Organizations, Institutions, and Norms in Agent Systems, COIN@Mallow 2010*, pages 82–97, 2010.
- [101] Fabrice Kordon and Daniel Moldt, editors. *37th International Conference on Application and Theory of Petri Nets, Toruń, Poland*, volume 9698 of *Lecture Notes in Computer Science*. Springer-Verlag, June 2016. (to be published).
- [102] Olaf Kummer, Annette Laue, Matthias Liedtke, Daniel Moldt, and Heiko Rölke. Höhere Petrinetze zur kompakten Modellierung und Implementierung von Verhalten. In Holger Giese and Stephan Philippi, editors, *Visuelle Verhaltensmodellierung verteilter und nebenläufiger Software-Systeme, 8.Workshop des Arbeitskreises GROOM*, Techreport 24/00-I, pages 27–32. Universität Münster, 2000. Verfügbar unter [urlhttp://www.math.uni-muenster.de/cs/u/versys/workshops/VVNS2000/ url-programm.html](http://www.math.uni-muenster.de/cs/u/versys/workshops/VVNS2000/ url-programm.html).

- [103] Olaf Kummer, Daniel Moldt, and Frank Wienberg. A framework for interacting Design/CPN- and Java processes. In Kurt Jensen, editor, *Workshop on Practical Use of Coloured Petri Nets and Design/CPN 1998*, volume Daimi PB-532, pages 131–150. Aarhus University, 1998.
- [104] Olaf Kummer, Daniel Moldt, and Frank Wienberg. Symmetric communication between coloured Petri net simulations and Java-processes. In Susanna Donatelli and Jetty Kleijn, editors, *Application and Theory of Petri Nets 1999, 20th International Conference, ICATPN'99, Williamsburg, Virginia, USA*, volume 1639 of *Lecture Notes in Computer Science*, pages 86–105. Springer-Verlag, June 1999.
- [105] Olaf Kummer, Daniel Moldt, and Frank Wienberg. XML and Petri nets – following the forces. In Rémi Bastide, Jonathan Billington, Ekkart Kindler, Fabrice Kordon, and Kjeld H. Mortensen, editors, *Meeting on XML/SGML based Interchange Formats for Petri Nets, Aarhus, Denmark*, 21st International Conference on Application and Theory of Petri Nets at Aarhus, Denmark, June 26–30, pages 13–17. Aarhus University, 2000. Verfügbar unter url <http://www.daimi.au.dk/pn2000/Interchange/>.
- [106] Olaf Kummer, Frank Wienberg, Michael Duval, Michael Köhler, Daniel Moldt, and Heiko Rölke. Renew – the Reference Net Workshop. In Eric Veerbeek, editor, *Tool Demonstrations. 24th International Conference on Application and Theory of Petri Nets (ATPN 2003). International Conference on Business Process Management (BPM 2003)*, pages 99–102. Department of Technology Management, Technische Universiteit Eindhoven, Beta Research School for Operations Management and Logistics, June 2003.
- [107] Olaf Kummer, Frank Wienberg, Michael Duval, Jörn Schumacher, Michael Köhler, Daniel Moldt, Heiko Rölke, and Rüdiger Valk. An extensible editor and simulation engine for Petri nets: Renew. In Jordi Cortadella and Wolfgang Reisig, editors, *Applications and Theory of Petri Nets 2004. 25th International Conference, ICATPN 2004, Bologna, Italy, June 2004. Proceedings*, volume 3099 of *Lecture Notes in Computer Science*, pages 484–493, Berlin Heidelberg New York, June 2004. Springer.
- [108] Annette Laue, Matthias Liedtke, Daniel Moldt, and Ivana Tričković. Modelling intra- and inter-object control using reference nets. In Jürgen Ebert and Ulrich Frank, editors, *Modellierung 2000 St. Goar, 5.-7. April*, volume 15 of *Koblenzer Schriften zur Informatik*, pages 89–102, Koblenz, 2000. Dietmar Fölbach.
- [109] Annette Laue, Matthias Liedtke, Daniel Moldt, and Ivana Tričković. Statecharts as protocols for objects. In *ROOM 2000, ROOM-Third Workshop on Rigorous Object-Oriented Methods*, England, 2000. Department of Computer Science, University of York, UK.
- [110] Annette Laue, Matthias Liedtke, Daniel Moldt, and Ivana Tričković. Statecharts as protocols for objects. *Journal for electronic Workshops in Computing: ROOM-Third Workshop on Rigorous Object-Oriented Methods*, July 2000.
- [111] Kolja Lehmann, Lawrence Cabac, Daniel Moldt, and Heiko Rölke. Towards a distributed tool platform based on mobile agents. In *Proceedings of the Third German Conference on Multi-Agent System Technologies (MATES)*, volume 3550 of *Lecture Notes in Artificial Intelligence*, pages 179–190. Springer-Verlag, September 2005.

- [112] Kolja Lehmann and Daniel Moldt. Modelling and analysis of agent protocols with Petri nets. In Gabriela Lindemann, Jörg Denzinger, and Ingo J. et al. Timm, editors, *Multia-gent System Technologies: Second German Conference, MATES 2004, Erfurt, Germany, September 29-30, 2004. Proceedings*, volume 3187 of *Lecture Notes in Computer Science*, page 85, Berlin Heidelberg New York, 2004. Springer-Verlag.
- [113] Gabriela Lindemann, Daniel Moldt, and Mario Paolucci, editors. *Proceedings of the Second International Workshop on Regulated Agent-Based Social Systems: Theories and Applications (RASTA'03)*, 2003. In Verbindung mit: The Ninth International Conference on Artificial Intelligence and Law (ICAIL 2003), 24–28 June, 2003 Edinburgh, Scotland, UK.
- [114] Gabriela Lindemann, Daniel Moldt, and Mario Paolucci, editors. *Regulated Agent-Based Social Systems. First International Workshop, RASTA 2002, Bologna, Italy, July 16, 2002, Revised Selected and Invited Papers*, volume 2934 of *Lecture Notes in Computer Science*, Berlin Heidelberg New York, 2004. Springer-Verlag.
- [115] Gabriela Lindemann, Daniel Moldt, Mario Paolucci, and Bin Yu, editors. *Proceedings of the International Workshop on Regulated Agent-Based Social Systems: Theories and Applications (RASTA'02) as part of AAMAS 2002*, number FBI-HH-M-318/02 in Report of the research program: Act in Social Contexts, Vogt-Kölln Str. 30, D-22527 Hamburg, 2002.
- [116] Christoph Maier and Daniel Moldt. Objektorientierte Konzepte – Dargestellt mit gefärbten Petrinetzen. Report of the Department of Informatics FBI-HH-M-261/96, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, 1996. August.
- [117] Christoph Maier and Daniel Moldt. Coloured object Petri nets for complex automation systems. In E. Schnieder and D. Abel, editors, *Entwurf komplexer Automatisierungssysteme*, volume Band I, pages 324–342, Braunschweig, 1997. 5. Fachtagung mit Tutorium EKA'97, 21.-23. Mai 1997 in Braunschweig, Beyrich.
- [118] Christoph Maier and Daniel Moldt. Object coloured Petri nets – A formal technique for object oriented modelling. In Farwer et al. [53], pages 11–19.
- [119] Christoph Maier and Daniel Moldt. Object coloured Petri nets – A formal technique for object oriented modelling. In Gul Agha, Fiorella De Cindio, and Grzegorz Rozenberg, editors, *Advances in Petri Nets: Concurrent Object-Oriented Programming and Petri Nets*, volume 2001 of *Lecture Notes in Computer Science*, pages 406–427. Springer-Verlag, 2001.
- [120] Christoph Maier and Daniel Moldt. Dynamic structure and behaviour of coloured Petri nets supporting object-oriented modelling. In van der Aalst et al. [195], pages 81–101.
- [121] Christoph Maier, Daniel Moldt, and Heiko Rölke. SNIFF – an input/output library for Design/CPN. In *Daimi PB-532: Workshop on Practical Use of Coloured Petri Nets and Design/CPN*, pages 65–82, Ny Munkegade, Building 540, DK-8000 Aarhus C, Denmark, 1998. Computer Science Department, Aarhus University.

- [122] Kolja Markwardt, Daniel Moldt, Sven Offermann, and Christine Reese. Using multi-agent systems for change management processes in the context of distributed software development processes. In Shazia Sadiq, Manfred Reichert, and Karsten Schulz, editors, *The 1st International Workshop on Technologies for Collaborative Business Process Management (TCoB 2006)*, pages 56–66, 2006.
- [123] Kolja Markwardt, Daniel Moldt, and Jan Ortmann. Proposal for editing workflows in a distributed software development environment. In Niels Lohmann and Karsten Wolf, editors, *AWPN*, volume 380 of *CEUR Workshop Proceedings*, pages 31–36. CEUR-WS.org, 2008.
- [124] Kolja Markwardt, Daniel Moldt, and Christine Reese. Support of distributed software development by an agent-based process infrastructure. In *MSVVEIS 2008*, 2008.
- [125] Kolja Markwardt, Daniel Moldt, and Thomas Wagner. Net agents for activity handling in a wfms. In Thomas Freytag and Andreas Eckleder, editors, *16th German Workshop on Algorithms and Tools for Petri Nets, AWPN 2009, Karlsruhe, Germany, September 25, 2009, Proceedings*, CEUR Workshop Proceedings, 2009.
- [126] Michael Merz, Daniel Moldt, Kay Müller, and Winfried Lamersdorf. Workflow modelling and execution with coloured Petri nets in COSM. In Jonathan Billington and Michel Diaz, editors, *Petri Nets applied to Protocols*. University of Torino, 1995. Workshop während der International Conference on Application and Theory of Petri Nets, Torino, Italy, June 26–30.
- [127] Daniel Moldt. Amazing – a game for visually and mentally handicapped children. Diploma thesis, Birmingham University, Department of Computer Science, Birmingham, England, June 1984.
- [128] Daniel Moldt. Analyse und Modellierung von Kassensystemen. Diploma thesis, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, September 1990.
- [129] Daniel Moldt. Adaption von Software-Entwicklungsmethoden. Fachbereichsmitteilung FBI-HH-M-224/93, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, December 1992.
- [130] Daniel Moldt. Adaption von Software-Entwicklungsmethoden. In *Der Wiener IT-Kongress 1993 – Informations- und Kommunikationstechnologie für das neue Europa*, volume 1, pages 137–147, Wien, Austria, April 1993. ADV, A. Riegelnik.
- [131] Daniel Moldt. OOA and Petri nets for system specification. In G. Agha and F. Cindio, editors, *Object-Oriented Programming and Models of Concurrency*. University of Torino, 1995. Workshop während der "16th International Conference on Application and Theory of Petri Nets", Turin, Italien, 26.–30. Juni, 1995.
- [132] Daniel Moldt. Anforderungen an Petrinetzwerkzeuge für den kommerziellen Einsatz. In A. Oberweiss, editor, *EMISA-Fachgruppentreffen 1995 'Requirements Engineering für Informationssysteme', 12.-13. Oktober 1995 in Karlsruhe*, EMISA FORUM, Heft 1, 1996.

- [133] Daniel Moldt. Extensions of normal OOA methods and techniques for distributed real-time systems. In A. Oberweiss, editor, *EMISA-Fachgruppentreffen 1995 'Requirements Engineering für Informationssysteme', 12.-13. Oktober 1995 in Karlsruhe*, EMISA FORUM, Heft 1, 1996.
- [134] Daniel Moldt. *Höhere Petrinetze als Grundlage für Systemspezifikationen*. Dissertation, University of Hamburg, Department of Computer Science, Vogt-Kölln Str. 30, D-22527 Hamburg, August 1996.
- [135] Daniel Moldt. System engineering and validation. In C. Girault and Rüdiger Valk, editors, *Systems Engineering: A Petri Net Based Approach to Modelling, Verification, and Implementation, MATCH Advanced School, Jaca, Spain*, September 1998.
- [136] Daniel Moldt. Using workflows to structure systems based on object-oriented coloured Petri nets. In J. Desel, A. Oberweis, W. Reisig, and G. Rozenberg, editors, *Petri Nets and Business Process Management*, number 217 in Dagstuhl Seminar-Report, Saarbrücken, 1998.
- [137] Daniel Moldt, editor. *Proceedings of the Workshop on Modelling of Objects, Components, and Agents (MOCA'01)*. University of Aarhus, Department of Computer Science, August 2001. Published as DAIMI PB: Workshop Proceedings Modelling of Objects, Components, and Agents; Aarhus, Denmark, August 27-28, number 553.
- [138] Daniel Moldt, editor. *Proceedings of the Second Workshop on Modelling of Objects, Components, and Agents (MOCA'02)*, Ny Munkegade, Bldg. 540, DK-8000 Aarhus C, Denmark, August 2002. University of Aarhus, Department of Computer Science. DAIMI PB: Aarhus, Denmark, August 26-27, number 561.
- [139] Daniel Moldt. Introduction and conclusion to part IV: Validation and execution. In Girault and Valk [63], chapters 18 and 22, pages 403-408, 469-470.
- [140] Daniel Moldt. Tools. In Girault and Valk [63], section 19.4, pages 412-415.
- [141] Daniel Moldt, editor. *Proceedings of the Third International Workshop on Modelling of Objects, Components, and Agents (MOCA'04)*, Ny Munkegade, Bldg. 540, DK-8000 Aarhus C, Denmark, August 2004. University of Aarhus, Department of Computer Science. DAIMI PB: Aarhus, Denmark, October 11-13, number 571.
- [142] Daniel Moldt. Was bestimmt die informatik? eine systemorientierte sicht. In Frieder Nake, Arno Rolf, and Dirk Siefkes, editors, *Informatik zwischen Konstruktion und Verwertung – Materialien der 3. Arbeitstagung "Theorie der Informatik" Bad Hersfeld 3. bis 5.4.2003*, pages 113-114. Universität Bremen Fachbereich Mathematik & Informatik, 2004. Bericht Nr. 1/04.
- [143] Daniel Moldt. Petrinetze als Denkzeug. In Farwer and Moldt [51], pages 51-70.
- [144] Daniel Moldt. PAOSE: A way to develop distributed software systems based on Petri nets and agents. In Joseph Barjis, Ulrich Ultes-Nitsche, and Juan C. Augusto, editors, *Proceedings of The Fourth International Workshop on Modelling, Simulation, Verification and Validation of Enterprise Information Systems (MSVVEIS'06), May 23-24, 2006 – Paphos, Cyprus 2006*, pages 1-2, 2006.

- [145] Daniel Moldt, editor. *Proceedings of the 13th Workshop Application and Tools for Petri Nets. AWPN'06*, number FBI-HH-B-267/06 in Report of the Department of Informatics, Vogt-Kölln Str. 30, D-22527 Hamburg, Germany, 2006. University of Hamburg, Department of Informatics.
- [146] Daniel Moldt, editor. *Proceedings of the Fourth International Workshop on Modelling of Objects, Components, and Agents. MOCA'06*, number FBI-HH-B-272/06 in Report of the Department of Informatics, Vogt-Kölln Str. 30, D-22527 Hamburg, Germany, June 2006. University of Hamburg, Department of Informatics.
- [147] Daniel Moldt, editor. *Petri Nets and Software Engineering, International Workshop, PNSE'09. Proceedings*, Technical Reports Université Paris 13, 99, avenue Jean-Baptiste Clément, 93 430 Villetaneuse, June 2009. Université Paris 13.
- [148] Daniel Moldt, editor. *Modeling and Buisness Environments MODBE'13, Milano, Italia, June 2013. Proceedings*, volume 989 of *CEUR Workshop Proceedings*. CEUR-WS.org, June 2013.
- [149] Daniel Moldt. Towards distributed support of distributed software development processes. In Amit K. Chopra, Leon van der Torre, Harko Verhagen, and Serena Villata, editors, *Normative Multi-Agent Systems (Dagstuhl Seminar 15131)*, number 5(3) in Dagstuhl Reports, page 168, Dagstuhl, Germany, 2015. Schloss Dagstuhl–Leibniz-Zentrum für Informatik.
- [150] Daniel Moldt, Lars Braubach, Alexander Pokahr, and Winfried Lamersdorf. Goal representation for bdi agent systems. In Rafael H. Bordini, Mehdi Dastani, Jürgen Dix, and Amal El Fallah-Seghrouchni, editors, *Second International Workshop on Programming Multi-Agent Systems: Languages and tools (PROMAS 2004), held with the Third International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2004) New York, NY, USA, 20 July 2004*, pages 9–20, 2004.
- [151] Daniel Moldt, Julia Fix, Rolf von Lüde, and Christian von Scheve. Emotion als theorieleitende Kategorie in Soziologie und Informatik: Zur emotionsbasierten Modellierung von Strukturodynamiken in künstlichen und natürlichen Gesellschaften. In *Ordnungsbildung und Erkenntnisprozesse (OrdEr) 2005*, Vogt-Kölln Str. 30, D-22527 Hamburg, September 2005. University of Hamburg, Department of Computer Science.
- [152] Daniel Moldt, Julia Fix, Rolf von Lüde, and Christian von Scheve. Emotion als theorieleitende kategorie in soziologie und informatik: Zur emotionsbasierten modellierung von strukturodynamiken in künstlichen und natürlichen gesellschaften. In *Post Proceedings: Ordnungsbildung und Erkenntnisprozesse (OrdEr) 2005*, pages 103–116, Vogt-Kölln Str. 30, D-22527 Hamburg, 2006. University of Hamburg, Department of Computer Science.
- [153] Daniel Moldt, Michael Köhler-Bußmeier, Axel Theilmann, Simon Adameit, Tobias Betz, Lawrence Cabac, Florian Hars, Marcin Hewelt, Dimitri Popov, José Quenum, Thomas Wagner, Timo Warns, and Lars Wüstenberg. Modelling distributed network security in a Petri net and agent-based approach. In Jürgen Dix and Cees Witteveen, editors, *Multiagent System Technologies. 8th German Conference, MATES 2010, Leipzig, Germany, September 27-28, 2010. Proceedings*, volume 6251 of *Lecture Notes in Artificial Intelligence*, pages 209–220, Berlin Heidelberg New York, September 2010. Springer-Verlag.

- [154] Daniel Moldt, Fabrice Kordon, Kees van Hee, José-Manuel Colom, and Rémi Bastide, editors. *Proceedings of the International Workshop on Petri Nets and Software Engineering (PNSE'07)*, Siedlce, Poland, June 2007. Akademia Podlaska.
- [155] Daniel Moldt, M.Ch. Meyer, and M. Netzebandt. Transparenter Entwurf mit gefärbten Petrinetzen am Beispiel eines Reiseunternehmens. Report of the Department of Informatics FBI-HH-B-282/98, University of Hamburg, Department of Computer Science, July 1998.
- [156] Daniel Moldt, Marc Netzebandt, and Frank Wienberg. Object-oriented modeling of a bus tour travel agency using Design/CPN. Work in Progress Presentation at CPN'99 in Aarhus, Computer Science Department, Aarhus University, 1999.
- [157] Daniel Moldt, Peter Nyssen, and Jan Ortmann. Modellierung soziologischer Theorien – Ein Petrinetz basierter Ansatz. In *Modellierung 2004, Workshop W1: "Intelligente Lehr-/Lernsysteme: Modellierung als Schlüsselkonzept in intelligenten Lehr-/Lernsystemen"*, Marburg, pages 49–59, 2004.
- [158] Daniel Moldt, Sven Offermann, and Jan Ortmann. A Petri net-based architecture for web services. In Lawrence Cavedon, Ryszard Kowalczyk, Zakaria Maamar, David Martin, and Ingo Müller, editors, *Workshop on Service-Oriented Computing and Agent-Based Engineering, SOCABE 2005, Utrecht, Netherland, July 26, 2005. Proceedings*, pages 33–40, 2005.
- [159] Daniel Moldt and Jan Ortmann. A conceptual and practical framework for web-based processes in multi-agent systems. In Liz Sonenberg and Charles Sierra, editors, *3rd International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2004), 19-23 August 2004, New York, NY, USA*, pages 1464–1465. Computer Society, 2004.
- [160] Daniel Moldt and Jan Ortmann. DaGen: A tool for automatic translation from DAML-S to high-level Petri nets. In Michel Wermelinger and Tiziana Margaria-Steffen, editors, *Fundamental Approaches to Software Engineering: 7th International Conference, FASE 2004. Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS 2004, Barcelona, Spain, March 29 - April 2, 2004. Proceedings*, volume 2984 of *Lecture Notes in Computer Science*, pages 209–213, Berlin Heidelberg New York, 2004. Springer-Verlag.
- [161] Daniel Moldt and Jan Ortmann. Konzeptuelle Modellierung web-basierter Prozessabläufe in Multiagentensystemen. In Bernhard Rumpe and Wolfgang Hesse, editors, *Modellierung 2004, Proceedings zur Tagung, 23.-26. März 2004, Marburg, Proceedings*, volume 45 of *LNI*. GI, 2004.
- [162] Daniel Moldt and Jan Ortmann. Konzeptuelle Modellierung web-basierter Prozesse und ihre Ausführung in Multiagentensystemen. In *Modellierung 2004, Praktischer Einsatz von Modellen; Workshop W4: "Ontologien in der und für die Softwaretechnik"*, Marburg, 2004.
- [163] Daniel Moldt, Jan Ortmann, and Sven Offermann. A proposal for Petri net based web service application modeling. In Nora Koch, Piero Fraternali, and Martin Wirsing, editors, *Web Engineering - 4th International Conference, ICWE 2004, Munich, Germany*,

- July 26-30, 2004, Proceedings*, volume 3140 of *Lecture Notes in Computer Science*, pages 93–97. Springer-Verlag, 2004.
- [164] Daniel Moldt, José Quenum, Christine Reese, and Thomas Wagner. Improving a workflow management system with an agent flavour. In Duvigneau and Moldt [46], pages 55–70.
- [165] Daniel Moldt and Jörg Rodenhagen. Ereignisgesteuerte Prozeßketten und Petrinetze zur Modellierung von Workflows. In Giese and Philippi [62], pages 57–63.
- [166] Daniel Moldt and Heiko Rölke. Generation of executable object-based Petri net skeletons using Design/CPN. In Kurt Jensen, editor, *Second Workshop on Practical Use of Coloured Petri Nets and Design/CPN*, number 541 in DAIMI PB, pages 59–78, Ny Munkegade, Building 540, DK-8000 Aarhus C, Denmark, 1999. Computer Science Department, Aarhus University.
- [167] Daniel Moldt and Heiko Rölke. Verhaltensmodellierung von Petrinetz-Agenten. In Giese and Philippi [62], pages 92–97.
- [168] Daniel Moldt and Heiko Rölke. Pattern based workflow design using reference nets. In Wil van der Aalst, Arthur ter Hofstede, and Mathias Weske, editors, *Proceedings of International Conference on Business Process Management, Eindhoven, NL*, volume 2678 of *Lecture Notes in Computer Science*, pages 246–260. Springer-Verlag, 2003.
- [169] Daniel Moldt and Heiko Rölke, editors. *Petri Nets and Software Engineering. International Workshop PNSE'13, Milano, Italia, June 2013. Proceedings*, volume 989 of *CEUR Workshop Proceedings*. CEUR-WS.org, June 2013.
- [170] Daniel Moldt and Heiko Rölke, editors. *Proceedings of the International Workshop on Petri Nets and Software Engineering, co-located with 35th International Conference on Application and Theory of Petri Nets and Concurrency (PetriNets 2014) and 14th International Conference on Application of Concurrency to System Design (ACSD 2014), Tunis, Tunisia, June 23-24, 2014*, volume 1160 of *CEUR Workshop Proceedings*. CEUR-WS.org, 2014.
- [171] Daniel Moldt, Heiko Rölke, and Harald Störrle, editors. *Petri Nets and Software Engineering. International Workshop, PNSE'15, Brussels, Belgium, June 22-23, 2015. Proceedings*, volume 1372 of *CEUR Workshop Proceedings*. CEUR-WS.org, 2015.
- [172] Daniel Moldt, Ulrich Ultes-Nitsche, and Juan Carlos Augusto, editors. *Proceedings of the 6th International Workshop on Modelling, Simulation, Verification and Validation of Enterprise Information Systems, MSVVEIS-2008, In conjunction with ICEIS 2008, Barcelona, Spain, June 2008*, Portugal, 2008. INSTICC PRESS.
- [173] Daniel Moldt, Ulrich Ultes-Nitsche, and Juan Carlos Augusto, editors. *Proceedings of the 7th International Workshop on Modelling, Simulation, Verification and Validation of Enterprise Information Systems – MSVVEIS 2009, In conjunction with ICEIS 2009, Milan, Italy, May 2009*, Portugal, 2009. INSTICC PRESS.
- [174] Daniel Moldt and Rüdiger Valk. Object-oriented Petri nets in business process modeling. In Wil van der Aalst, Jörg Desel, and Andreas Oberweis, editors, *Business Process*

- Management: Models, Techniques, and Empirical Studies*, number 1806 in Lecture Notes in Computer Science, pages 254–273, Berlin Heidelberg New York, 2000. Springer-Verlag.
- [175] Daniel Moldt and Christian von Scheve. Soziologisch adäquate Modellierung emotionaler Agenten. In M. E. Müller, editor, *Adaptivität und Benutzermodellierung in interaktiven Softwaresystemen (ABIS) 2000*, pages 117–131. Institut für Semantische Informationsverarbeitung, Universität Osnabrück, 2000.
 - [176] Daniel Moldt and Christian von Scheve. Emotional actions for emotional agents. In Colin G. Johnson, editor, *Proceedings of the AISB'01 Symposium on Emotion, Cognition, and Affective Computing. 21.-24. März 2001, York/UK*. Society for the Study of Artificial Intelligence and the Simulation of Behaviour, AISB Press, 2001.
 - [177] Daniel Moldt and Christian von Scheve. Emotions and multimodal interface-agents: A sociological view. In Horst Oberquelle, editor, *Mensch und Computer 2001, 05.-08. März in Bad Honnef (Bonn). Proceedings*, number 55 in Berichte des German Chapter of the ACM, Stuttgart, 2001. Teubner.
 - [178] Daniel Moldt and Christian von Scheve. Emotions in hybrid social aggregates. In Michael Herczeg, Wolfgang Prinz, and Horst Oberquelle, editors, *Mensch & Computer 2002 – Vom interaktiven Werkzeug zu kooperativen Arbeits- und Lernwelten*, volume 56 of *Berichte der German Chapter of the ACM*, pages 343–352, Stuttgart, Leipzig, Wiesbaden, August 2002. 2. fachübergreifende Konferenz, Hamburg, 2. bis 5. September 2002, Teubner.
 - [179] Daniel Moldt and Frank Wienberg. Multi-agent-systems based on coloured Petri nets. In Pierre Azéma and Gianfranco Balbo, editors, *Application and Theory of Petri Nets 1997*, number 1248 in Lecture Notes in Computer Science, pages 82–101, Berlin Heidelberg New York, 1997. Springer Verlag.
 - [180] Christine Reese, Michael Duvigneau, Michael Köhler, Daniel Moldt, and Heiko Rölke. Agent-based Settler game. In *Proceedings of Agentcities Agent Technology Competition (ATC03), Barcelona, Spain*. Agentcities.NET, February 2003.
 - [181] Christine Reese, Kolja Markwardt, Sven Offermann, and Daniel Moldt. Distributed business processes in open agent environments. In Yannis Manolopoulos, Joaquim Filipe, Panos Constantopoulos, and José Cordeiro, editors, *ICEIS 2006 - Proceedings of the Eighth International Conference on Enterprise Information Systems: Databases and Information Systems Integration, Paphos, Cyprus, May 2006*, pages 81–86, 2006.
 - [182] Christine Reese, Sven Offermann, and Daniel Moldt. Architektur für verteilte, agentenbasierte Workflows. In Mareike Schoop, Christian Huemer, Michael Rebstock, and Martin Bichler, editors, *Service-oriented Electronic Commerce im Rahmen der Multi-konferenz Wirtschaftsinformatik 2006 (MKWI 2006)*, volume P-80 of *Lecture Notes in Informatics (LNI) - Proceedings*, pages 73–87, Bonn, 2006. Gesellschaft für Informatik, Köllen Druck+Verlag GmbH.
 - [183] Christine Reese, Jan Ortmann, Daniel Moldt, Sven Offermann, Kolja Lehmann, and Timo Carl. Architecture for distributed agent-based workflows. In Brian Henderson-

- Sellers and Michael Winikoff, editors, *Proceedings of the Seventh International Bi-Conference Workshop on Agent-Oriented Information Systems (AOIS-2005)*, Utrecht, Niederlande, as part of *AAMAS 2005 (Autonomous Agents and Multi Agent Systems)*, July 2005, pages 42–49, 2005.
- [184] Christine Reese, Jan Ortmann, Daniel Moldt, Sven Offermann, Kolja Markwardt, and Timo Carl. Fragmented workflows supported by an agent based architecture. In Manuel Kolp, Paolo Bresciani, Brian Henderson-Sellers, and Michael Winikoff, editors, *Agent-Oriented Information Systems III 7th International Bi-Conference Workshop, AOIS 2005, Utrecht, Netherlands, July 26, 2005, and Klagenfurt, Austria, October 27, 2005, Revised Selected Papers*, volume 3529 of *Lecture Notes in Computer Science*, pages 200–215. Springer-Verlag, 2006.
- [185] Christine Reese, Matthias Wester-Ebbinghaus, Till Dörge, Lawrence Cabac, and Daniel Moldt. A process infrastructure for agent systems. In Mehdi Dastani, Amal El Fallah, Joao Leite, and Paolo Torroni, editors, *MALLOW'007 Proceedings. Workshop LADS'007 Languages, Methodologies and Development Tools for Multi-Agent Systems (LADS)*, pages 97–111, 2007.
- [186] Christine Reese, Matthias Wester-Ebbinghaus, Till Dörge, Lawrence Cabac, and Daniel Moldt. Introducing a process infrastructure for agent systems. In Mehdi Dastani, Amal El Fallah, João Leite, and Paolo Torroni, editors, *LADS'007 Languages, Methodologies and Development Tools for Multi-Agent Systems*, volume 5118 of *Lecture Notes in Artificial Intelligence*, pages 225–242, 2008. Revised Selected and Invited Papers.
- [187] Gert Scheschonk and Wolfgang Reisig, editors. *Petri-Netze im Einsatz für Entwurf und Entwicklung von Informationssystemen*, Informatik Aktuell, Berlin Heidelberg New York, 1993. Gesellschaft für Informatik, Springer-Verlag.
- [188] Benjamin Schleinzer, Lawrence Cabac, Daniel Moldt, and Michael Duvisneau. From agents and plugins to plugin-agents, concepts for flexible architectures. In *New Technologies, Mobility and Security, 2008. International Conference, NTMS '08, Tangier, Morocco. Electronical proceedings*, pages 1–5. IEEE Xplore, 5.–7.November 2008.
- [189] Dennis Schmitz, Daniel Moldt, Lawrence Cabac, David Mosteller, and Michael Haustermann. Utilizing Petri Nets for Teaching in Practical Courses on Collaborative Software Engineering. In *16th International Conference on Application of Concurrency to System Design, ACSD 2016, Toruń, Poland, June 19-24, 2016*, pages X–Y. IEEE Computer Society, 2016. Unpublished, actual page number is not available yet.
- [190] Volker Tell and Daniel Moldt. Ein Petrinetzsystem zur Modellierung selbstmodifizierender Petrinetze. In Karsten Schmidt and Christian Stahl, editors, *Proceedings of the 12th Workshop on Algorithms and Tools for Petri Nets (AWPN 05)*, pages 36–41. Humboldt Universität zu Berlin, Fachbereich Informatik, 2005.
- [191] Rolf v. Lüde, Daniel Moldt, and Rüdiger Valk, editors. *Sozionik: Modellierung soziologischer Theorie*, volume 2 of *Reihe: Wirtschaft – Arbeit – Technik*. Lit-Verlag, Münster - Hamburg - London, 2003.

- [192] Rolf v. Lüde, Daniel Moldt, and Rüdiger Valk, editors. *Selbstorganisation und Governance in künstlichen und sozialen Systemen*, volume 5 of *Reihe: Wirtschaft – Arbeit – Technik*. Lit-Verlag, Münster - Hamburg - London, 2009.
- [193] Rolf v. Lüde, Daniel Moldt, and Rüdiger Valk (Herausgeber). *Sozionik aktuell*, 2001.
- [194] Rüdiger Valk and Daniel Moldt. Über die Informatik und ihre osmotische Brandmauer. *International Journal for Sustainability Communication*, 08/2009(Heft 5 (Sonderausgabe)):257–269, 2009.
- [195] Wil van der Aalst, José-Manuel Colom, Fabrice Kordon, Gabriela Kotsis, and Daniel Moldt, editors. *Petri Net Approaches for Modelling and Validation*, LINCOS Studies in Computer Science, München, 2002. LINCOS Europa.
- [196] Wil van der Aalst, Daniel Moldt, Rüdiger Valk, and Frank Wienberg. Enacting interorganizational workflows using nets in nets. In Jörg Becker, Michael zur Mühlen, and Michael Rosemann, editors, *Proceedings of the 1999 Workflow Management Conference Workflow-based Applications, Münster, Nov. 9th 1999*, Working Paper Series of the Department of Information Systems, pages 117–136, University of Münster, Department of Information Systems, Steinfurter Str. 109, 48149 Münster, 1999. Working Paper No. 70.
- [197] Christian von Scheve and Daniel Moldt. Emotion: Theoretical investigations and implications for artificial social aggregates. In Lindemann et al. [114], pages 189–209.
- [198] Christian von Scheve, Daniel Moldt, Julia Fix, and Rolf von Lüde. My agents love to conform: Emotions, norms, and social control in natural and artificial societies. In *Proceedings on NorMAS2005 – Symposium of the AISB 2005 (Artificial Intelligence and the Simulation of Behaviour)*, Universität Hertfordshire, Hatfield, England, pages 73–84, 2005.
- [199] Christian von Scheve, Daniel Moldt, Julia Fix, and Rolf von Lüde. My agents love to conform: Norms and emotion in the micro-macro link. *Computational and Mathematical Organization Theory (CMOT)*, 2006.
- [200] Thomas Wagner and Daniel Moldt. Approaching the integration of agents and workflows. In Bergenthum and Desel [14], pages 55–61.
- [201] Thomas Wagner and Daniel Moldt. Integrating agent actions and workflow operations. In Jörg P. Müller, Wolf Ketter, Gal Kaminka, Gerd Wagner, and Nils Bulling, editors, *Multiagent System Technologies - 13th German Conference, MATES 2015, Cottbus, Germany, September 28-30, 2015, Revised Selected Papers*, volume 9433 of *Lecture Notes in Computer Science*, pages 61–78. Springer, 2015.
- [202] Thomas Wagner and Daniel Moldt. Workflow management principles for interactions between Petri net-based agents. In Raymond Devillers and Antti Valmari, editors, *Application and Theory of Petri Nets and Concurrency - 36th International Conference, PETRI NETS 2015, Brussels, Belgium, June 21-26, 2015, Proceedings*, volume 9115 of *Lecture Notes in Computer Science*, pages 329–349. Springer-Verlag, 2015.

- [203] Thomas Wagner, José Quenum, Daniel Moldt, and Christine Reese. Providing an Agent Flavored Integration for Workflow Management. In Kurt Jensen, Susanna Donatelli, and Jetty Kleijn, editors, *Transactions on Petri Nets and Other Models of Concurrency V*, volume 6900 of *Lecture Notes in Computer Science*, pages 243–264. Springer-Verlag, Berlin Heidelberg New York, 2012.
- [204] Matthias Wester-Ebbinghaus, Michael Köhler-Bußmeier, and Daniel Moldt. From multi-agent to multi-organization systems: Utilizing middleware approaches. In Alexander Artikis, Gauthier Picard, and Laurent Vercouter, editors, *International Workshop Engineering Societies in the Agents World (ESAW 08)*, 2008.
- [205] Matthias Wester-Ebbinghaus, Michael Köhler-Bußmeier, and Daniel Moldt. From multi-agent to multi-organization systems: Utilizing middleware approaches. In Alexander Artikis, Gauthier Picard, and Laurent Vercouter, editors, *Engineering Societies in the Agents World IX*, volume 5485 of *Lecture Notes in Computer Science*, pages 46–65, 2009.
- [206] Matthias Wester-Ebbinghaus and Daniel Moldt. Auf dem Weg zu organisationsorientierter Softwareentwicklung. Available at: <http://www.informatik.uni-hamburg.de/TGI/publikationen/public/data/2006/Wester+06/Wester+06.pdf>, September 2006.
- [207] Matthias Wester-Ebbinghaus and Daniel Moldt. A Janus-faced net component for the prototyping of open systems. In *AWPN*, volume 380 of *CEUR Workshop Proceedings*, pages 25–30. CEUR-WS.org, 2008.
- [208] Matthias Wester-Ebbinghaus and Daniel Moldt. Modelling multi-agent systems with organizations in mind. In Moldt et al. [172], pages 81–90.
- [209] Matthias Wester-Ebbinghaus and Daniel Moldt. Structure in threes: Modelling organization-oriented software architectures built upon multi-agent systems. In Lin Padgham, David C. Parkes, Jörg Müller, and Simon Parsons, editors, *7th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2008), Estoril, Portugal, May 12-16, 2008, Volume 3*, pages 1307–1310. IFAAMAS, 2008.
- [210] Matthias Wester-Ebbinghaus and Daniel Moldt. Modelling an open and controlled system unit as a modular component of systems of systems. In Köhler-Bußmeier et al. [98], pages 81–100. Preproceedings available online at <http://www.informatik.uni-hamburg.de/TGI/events/orgmod09/\#proceedings>.
- [211] Matthias Wester-Ebbinghaus and Daniel Moldt. Abstractions in actor and activity modeling. In Markus Nüttgens, Oliver Thomas, and Barbara Weber, editors, *EMISA*, volume 190 of *LNI*, pages 195–200. GI, 2011.
- [212] Matthias Wester-Ebbinghaus, Daniel Moldt, and Simon Adameit. Modeling systems of systems as nested actor systems based on Petri nets. In Gregor Engels, Dimitris Karagiannis, and Heinrich Mayr, editors, *Modellierung 2010*, volume 161 of *Lecture Notes in Informatics*, pages 67–82. Gesellschaft für Informatik E.V., 2010.
- [213] Matthias Wester-Ebbinghaus, Daniel Moldt, and Michael Köhler-Bußmeier. Modeling organizational units as modular components of systems of systems. In Kurt Jensen,

Susanna Donatelli, and Maciej Koutny, editors, *Transactions on Petri Nets and Other Models of Concurrency IV*, volume 6550 of *Lecture Notes in Computer Science*, pages 174–198. Springer, 2010.

- [214] Matthias Wester-Ebbinghaus, Daniel Moldt, Christine Reese, and Kolja Markwardt. Towards organization-oriented software engineering. In Heinz Züllighoven, editor, *Software Engineering Konferenz 2007 in Hamburg: SE'07 Proceedings*, volume 105 of *LNI*, pages 205–217. GI, 2007.