

- on *Autonomous Agents and Multiagent Systems*, AAMAS 2015, Istanbul, Turkey, May 4-8, 2015. ACM, 1071–1079.
- [2] Kent Beck and Cynthia Andres. 2005. *Extreme Programming Explained: Embrace Change* (2nd ed ed.). Addison-Wesley, Boston, MA.
 - [3] K. Beck, M. Beedle, A. van Bennekum, A. Cockburn, W. Cunningham, M. Fowler, J. Grenning, J. Highsmith, A. Hunt, R. Jeffries, Jon Kern, Brian Marick, Robert C. Martin, Steve Mallor, Ken Shwaber, and Jeff Sutherland. 2001. *The Agile Manifesto*. Technical Report. The Agile Alliance.
 - [4] Paolo Bresciani, Paolo Giorgini, Fausto Giunchiglia, John Mylopoulos, and Anna Perini. 2004. TROPOS: An Agent-Oriented Software Development Methodology. *Journal of Autonomous Agents and Multi-Agent Systems* 8 (May 2004), 203–236.
 - [5] Alvaro Carrera, Carlos A. Iglesias, and Mercedes Garijo. 2014. Beast Methodology: An Agile Testing Methodology for Multi-Agent Systems Based on Behaviour Driven Development. *Information Systems Frontiers* 16, 2 (April 2014), 169–182.
 - [6] Mike Cohn. 2004. *User Stories Applied: For Agile Software Development*. Addison-Wesley, Boston.
 - [7] Rick Evertsz, John Thangarajah, and Thanh Ly. 2019. *Practical Modelling of Dynamic Decision Making*. Springer. <https://doi.org/10.1007/978-3-319-95195-9>
 - [8] Yliés Falcone, Srdan Krstic, Giles Reger, and Dmitriy Traytel. 2018. A Taxonomy for Classifying Runtime Verification Tools. In *Runtime Verification - 18th International Conference, RV 2018, Limassol, Cyprus, November 10-13, 2018, Proceedings (LNCS, Vol. 11237)*, Christian Colombo and Martin Leucker (Eds.). Springer, 241–262. https://doi.org/10.1007/978-3-030-03769-7_14
 - [9] Alma María Gómez-Rodríguez and Juan Carlos González Moreno. 2010. Comparing Agile Processes for Agent Oriented Software Engineering. In *Product-Focused Software Process Improvement, 11th International Conference, PROFES 2010, Limerick, Ireland, June 21-23, 2010. Proceedings (Lecture Notes in Business Information Processing, Vol. 6156)*, Muhammad Ali Babar, Matias Vierimaa, and Markku Oivo (Eds.). Springer, 206–219. https://doi.org/10.1007/978-3-642-13792-1_17
 - [10] Juan C. González-Moreno, Alma Gómez-Rodríguez, Rubén Fuentes-Fernández, and David Ramos-Valcárcel. 2014. INGENIAS-Scrum. In *Handbook on Agent-Oriented Design Processes*. Springer Berlin Heidelberg, Berlin, Heidelberg, 219–251.
 - [11] Klaus Havelund and Grigore Rosu. 2018. Runtime Verification - 17 Years Later. In *Runtime Verification - 18th International Conference, RV 2018, Limassol, Cyprus, November 10-13, 2018, Proceedings (LNCS, Vol. 11237)*, Christian Colombo and Martin Leucker (Eds.). Springer, 3–17.
 - [12] Benjamin Herd, Simon Miles, Peter McBurney, and Michael Luck. 2015. Monitoring Hierarchical Agent-based Simulation Traces. In *Proceedings of the 2015 International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2015, Istanbul, Turkey, May 4-8, 2015*. ACM, 463–471.
 - [13] Benjamin Herd, Simon Miles, Peter McBurney, and Michael Luck. 2018. Quantitative analysis of multi-agent systems through statistical verification of simulation traces. *Int. J. Agent Oriented Softw. Eng.* 6, 2 (2018), 156–186.
 - [14] Zhan Huang and Rob Alexander. 2015. Semantic Mutation Testing for Multi-agent Systems. In *Engineering Multi-Agent Systems - Third International Workshop, EMAS 2015, Istanbul, Turkey, May 5, 2015, Revised, Selected, and Invited Papers (LNCS, Vol. 9318)*. Springer, 131–152.
 - [15] Zhan Huang, Rob Alexander, and John A. Clark. 2014. Mutation Testing for Jason Agents. In *Engineering Multi-Agent Systems - Second International Workshop, EMAS 2014, Paris, France, May 5-6, 2014, Revised Selected Papers (LNCS, Vol. 8758)*. Springer, 309–327.
 - [16] Vincent J. Koeman, Koen V. Hindriks, and Catholijn M. Jonker. 2017. Omniscient Debugging for Cognitive Agent Programs. In *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence, IJCAI-17*. 265–272.
 - [17] Cu D. Nguyen, Anna Perini, Carole Berton, Juan Pavón, and John Thangarajah. 2009. Testing in Multi-Agent Systems. In *Agent-Oriented Software Engineering X - 10th International Workshop, AOSE 2009, Budapest, Hungary, May 11-12, 2009, Revised Selected Papers (LNCS, Vol. 6038)*, Marie-Pierre Gleizes and Jorge J. Gómez-Sanz (Eds.). Springer, 180–190.
 - [18] Dan North. 2006. Introducing BDD. <https://dannorth.net/introducing-bdd/>.
 - [19] Lin Padgham, Dharendra Singh, and Fabio Zambetta. 2015. Social Simulation for Analysis, Interaction, Training and Community Awareness. In *Proceedings of the 2015 Winter Simulation Conference (WSC '15)*. IEEE Press, Piscataway, NJ, USA, 3130–3131.
 - [20] Lin Padgham and Michael Winikoff. 2004. *Developing Intelligent Agent Systems: A Practical Guide*. John Wiley and Sons.
 - [21] Lin Padgham, Zhiyong Zhang, John Thangarajah, and Tim Miller. 2013. Model-Based Test Oracle Generation for Automated Unit Testing of Agent Systems. *IEEE Trans. Software Eng.* 39, 9 (2013), 1230–1244. <https://doi.org/10.1109/TSE.2013.10>
 - [22] PMI. 2017. *Pulse of the Profession 2017*. Technical Report. Project Management Institute.
 - [23] Alexander Pokahr, Lars Braubach, and Winfried Lamersdorf. 2005. Jadex: A BDI Reasoning Engine. In *Multi-Agent Programming*. Springer, 149–174.
 - [24] Katia Potiron, Amal El Fallah Seghrouchni, and Patrick Taillibert. 2013. *From Fault Classification to Fault Tolerance for Multi-Agent Systems*. Springer.
 - [25] David Poutakidis, Lin Padgham, and Michael Winikoff. 2002. Debugging multi-agent systems using design artifacts: the case of interaction protocols. In *The First International Joint Conference on Autonomous Agents & Multiagent Systems, AAMAS 2002, July 15-19, 2002, Bologna, Italy, Proceedings*. ACM, 960–967.
 - [26] David Poutakidis, Lin Padgham, and Michael Winikoff. 2003. An Exploration of Bugs and Debugging in Multi-agent Systems. In *Foundations of Intelligent Systems, 14th International Symposium, ISMIS 2003, Maebashi City, Japan, October 28-31, 2003, Proceedings (LNCS, Vol. 2871)*, Ning Zhong, Zbigniew W. Ras, Shusaku Tsumoto, and Einoshin Suzuki (Eds.). Springer, 628–632.
 - [27] David Poutakidis, Michael Winikoff, Lin Padgham, and Zhiyong Zhang. 2009. Debugging and Testing of Multi-Agent Systems using Design Artefacts. In *Multi-Agent Programming, Languages, Tools and Applications*, Rafael H. Bordini, Mehdi Dastani, Jürgen Dix, and Amal El Fallah Seghrouchni (Eds.). Springer, 215–258.
 - [28] Anand S. Rao and Michael P. Georgeff. 1991. Modeling Rational Agents within a BDI-Architecture. In *Proc. of KR '91*. Cambridge, MA, 473–484.
 - [29] Joel Robertson, Dharendra Singh, Leorey Marquez, Vincent Lemiaie, Peter Ashton, Trevor Dess, Justin Halliday, Pawan Gamage, and Mahesh Prakash. 2021. Accounting for seasonal populations in bushfire evacuation modelling and planning: A Surf Coast Shire case study. In *AFAC Conference*. Sydney, Australia.
 - [30] Sebastian Rodriguez, John Thangarajah, and Michael Winikoff. 2021. User and System Stories: An Agile Approach for Managing Requirements in AOSE. In *AAMAS '21: 20th International Conference on Autonomous Agents and Multiagent Systems, Virtual Event, United Kingdom, May 3-7, 2021*, Frank Dignum, Alessio Lomuscio, Ulle Endriss, and Ann Nowé (Eds.). ACM, 1064–1072.
 - [31] Kristin Yvonne Rozier. 2019. From Simulation to Runtime Verification and Back: Connecting Single-Run Verification Techniques. In *2019 Spring Simulation Conference, SpringSim 2019, Tucson, AZ, USA, April 29 - May 2, 2019*. IEEE, 1–10.
 - [32] Sharmila Savarimuthu and Michael Winikoff. 2013. Mutation Operators for the Goal Agent Language. In *Engineering Multi-Agent Systems - First International Workshop, EMAS 2013, St. Paul, MN, USA, May 6-7, 2013, Revised Selected Papers (LNCS, Vol. 8245)*. Springer, 255–273.
 - [33] Dharendra Singh and Lin Padgham. 2015. Community Evacuation Planning for Bushfires Using Agent-Based Simulation: Demonstration. In *Proceedings of the 2015 International Conference on Autonomous Agents and Multiagent Systems (AAMAS '15)*. International Foundation for Autonomous Agents and Multiagent Systems, Richland, SC, 1903–1904.
 - [34] Dharendra Singh and Lin Padgham. 2017. Emergency Evacuation Simulator (EES) - a Tool for Planning Community Evacuations in Australia. In *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence*. International Joint Conferences on Artificial Intelligence Organization, Melbourne, Australia, 5249–5251.
 - [35] Dharendra Singh, Ken Strahan, Jim McLennan, Joel Robertson, and Bhagya N. Wickramasinghe. 2021. What will they do? Modelling self-evacuation archetypes. *CoRR* abs/2105.12366 (2021). <https://arxiv.org/abs/2105.12366>
 - [36] Jan-Philipp Steghöfer, Hella Seebach, Benedikt Eberhardinger, Michael Huebschmann, and Wolfgang Reif. 2015. Combining PosoMAS Method Content with Scrum: Agile Software Engineering for Open Self-Organising Systems. *Scalable Comput. Pract. Exp.* 16, 4 (2015), 333–354.
 - [37] John Thangarajah, Gaya Buddhinath Jayatileke, and Lin Padgham. 2011. Scenarios for system requirements traceability and testing. In *10th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2011), Taipei, Taiwan, May 2-6, 2011, Volume 1-3*, Liz Sonenberg, Peter Stone, Kagan Tumer, and Pinar Yolum (Eds.). IFAAMAS, 285–292.
 - [38] Yves Wautelet, Samed Heng, Soreangsey Kiv, and Manuel Kolp. 2017. User-Story Driven Development of Multi-Agent Systems: A Process Fragment for Agile Methods. *Computer Languages, Systems & Structures* 50 (Dec. 2017), 159–176.
 - [39] Michael Winikoff. 2005. JACK Intelligent Agents: An Industrial Strength Platform. In *Multi-Agent Programming*. Springer, New York, NY, 175–193.
 - [40] Michael Winikoff. 2014. Novice programmers' faults & failures in GOAL programs. In *International conference on Autonomous Agents and Multi-Agent Systems, AAMAS '14, Paris, France, May 5-9, 2014*, Ana L. C. Bazzan, Michael N. Huhns, Alessio Lomuscio, and Paul Scerri (Eds.). IFAAMAS/ACM, 301–308.
 - [41] Michael Winikoff. 2017. Debugging Agent Programs with Why? Questions. In *Proceedings of the 16th Conference on Autonomous Agents and Multiagent Systems (AAMAS '17)*. International Foundation for Autonomous Agents and Multiagent Systems, Richland, SC, 251–259.
 - [42] Michael Winikoff and Stephen Cranefield. 2014. On the Testability of BDI Agent Systems. *J. Artif. Intell. Res.* 51 (2014), 71–131. <https://doi.org/10.1613/jair.4458>
 - [43] Zhiyong Zhang, John Thangarajah, and Lin Padgham. 2009. Automated Testing for Intelligent Agent Systems. In *Agent-Oriented Software Engineering X - 10th International Workshop, AOSE 2009, Budapest, Hungary, May 11-12, 2009, Revised Selected Papers (LNCS, Vol. 6038)*. Springer, 66–79.