

- [30] Birgitt Schönfisch and André de Roos. 1999. Synchronous and Asynchronous Updating in Cellular Automata. *Biosystems* 51, 3 (Sept. 1999), 123–143. [https://doi.org/10.1016/S0303-2647\(99\)00025-8](https://doi.org/10.1016/S0303-2647(99)00025-8)
- [31] Yoav Shoham and Moshe Tennenholtz. 1995. On social laws for artificial agent societies: off-line design. *Artificial intelligence* 73, 1-2 (1995), 231–252.
- [32] David Strippgen and Kai Nagel. 2009. Using Common Graphics Hardware for Multi-Agent Traffic Simulation with CUDA. In *Proceedings of the 2nd International Conference on Simulation Tools and Techniques (Simutools '09)*. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering), Rome, Italy, 1–8. <https://doi.org/10.4108/ICST.SIMUTOOLS2009.5666>
- [33] Wen Jun Tan, Philipp Andelfinger, Wentong Cai, Alois Knoll, Yadong Xu, and David Eckhoff. 2020. Multi-thread State Update Schemes for Microscopic Traffic Simulation. In *2020 Winter Simulation Conference (WSC)*. IEEE, USA, 1–12.
- [34] Catherine Tessier, Laurent Chaudron, and Heinz-Jürgen Müller. 2006. *Conflicting Agents: Conflict Management in Multi-Agent Systems*. Vol. 1. Springer Science & Business Media, Berlin, Germany.
- [35] Jonathan Thaler and Peer-Olaf Siebers. 2019. The Art of Iterating: Update-Strategies in Agent-Based Simulation. In *Social Simulation for a Digital Society: Applications and Innovations in Computational Social Science (Springer Proceedings in Complexity)*. Springer International Publishing, Cham, 21–36. https://doi.org/10.1007/978-3-030-30298-6_3
- [36] Martin Treiber, Ansgar Hennecke, and Dirk Helbing. 2000. Congested Traffic States in Empirical Observations and Microscopic Simulations. *Physical Review E* 62, 2 (Aug. 2000), 1805–1824. <https://doi.org/10.1103/PhysRevE.62.1805>
- [37] Jur van den Berg, Stephen J Guy, Jamie Snape, Ming C Lin, and Dinesh Manocha. 2011. Rvo2 library: Reciprocal collision avoidance for real-time multi-agent simulation.
- [38] Tom Wagner, John Phelps, and Valerie Guralnik. 2004. Centralized VS. Decentralized Coordination: Two Application Case Studies. In *An Application Science for Multi-Agent Systems*, Thomas A. Wagner (Ed.). Vol. 10. Kluwer Academic Publishers, Boston, 41–75. https://doi.org/10.1007/1-4020-7868-4_4
- [39] Jiajian Xiao, Philipp Andelfinger, David Eckhoff, Wentong Cai, and Alois Knoll. 2018. Exploring Execution Schemes for Agent-Based Traffic Simulation on Heterogeneous Hardware. In *2018 IEEE/ACM 22nd International Symposium on Distributed Simulation and Real Time Applications (DS-RT)*. ACM, Madrid, Spain, 1–10. <https://doi.org/10.1109/DISTRA.2018.8601016>
- [40] Jiajian Xiao, Philipp Andelfinger, David Eckhoff, Wentong Cai, and Alois Knoll. 2019. A Survey on Agent-Based Simulation Using Hardware Accelerators. *Comput. Surveys* 51, 6 (Jan. 2019), 131:1–131:35. <https://doi.org/10.1145/3291048>
- [41] Mingyu Yang, Philipp Andelfinger, Wentong Cai, and Alois Knoll. 2018. Evaluation of Conflict Resolution Methods for Agent-Based Simulations on the GPU. In *Proceedings of the 2018 ACM SIGSIM Conference on Principles of Advanced Discrete Simulation (SIGSIM-PADS '18)*. ACM, New York, NY, USA, 129–132. <https://doi.org/10.1145/3200921.3200940>