Jelena Vasić - List of Publications

*Danilevskyi, M., Perez-Tellez, F., and Vasić, J. (2025). "Towards an Accurate Domain-Specific ASR: Transcription for Pathology". In: *28th International Conference Text, Speech and Dialogue 2025, Erlangen, Germany, August 25–28 2025, Proceedings (Lecture Notes in Computer Science)*. Springer.

Tarcsay, B., Vasić, J., and Perez-Tellez, F. (2023). "Using Machine Learning to Identify Patterns in Learner-Submitted Code for the Purpose of Assessment". In: *Pattern Recognition: 15th Mexican Conference, MCPR 2023, Tepic, Mexico, June 21–24, 2023, Proceedings (Lecture Notes in Computer Science, 13902)*. Springer.

Tarcsay, B., Vasić, J., and Perez-Tellez, F. (2022). "Use of Machine Learning Methods in the Assessment of Programming Assignments". In: *Text, Speech, and Dialogue*. Ed. by P. Sojka et al. Cham: Springer International Publishing, pp. 151–159.

Colgan, S. et al. (2019). "Predicting Student Success Early for a VTOS Student". In: *International Conference on Engaging Pedagogy (ICEP), December 2019, UL, Limerick, Ireland*.

Marrades Cortés, C. et al. (2019). "Sports Video Anonymisation and Accuracy Prediction". In: *POLIBITS* 60, pp. 13–17.

Vasic, J. and Ruskin, H. J. (2013). "Interaction of Cars and Bicycles on a One-Way Road Intersection: A Network CA-Based Model". In: *Traffic and Granular Flow '11*. Ed. by V. V. Kozlov et al. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 453–463.

**Vasić, J. and Ruskin, H. J. (2012). "A CA-Based Model for City Traffic Including Bicycles". In: *Urban Development*. Ed. by S. Polyzos. Rijeka: IntechOpen. Chap. 5.

Vasic, J. and Ruskin, H. J. (2012a). "A Cellular Automata-Based Network Model for Heterogeneous Traffic: Intersections, Turns and Their Connection". In: *Cellular Automata*. Ed. by G. C. Sirakoulis and S. Bandini. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 835–844.

Vasic, J. and Ruskin, H. J. (2012b). "A Discrete Simulation Model for Traffic Including Bicycles on Urban Networks, Applied to Intersection of Two One-Way Streets". In: *Parallel Processing and Applied Mathematics*. Ed. by R. Wyrzykowski et al. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 598–607.

Vasic, J. and Ruskin, H. J. (2012c). "Agent-based Space-time Discrete Simulation of Urban Traffic Including Bicycles". In: *Procedia Computer Science* 10. ANT 2012 and MobiWIS 2012, pp. 860–865.

Vasic, J. and Ruskin, H. J. (2012d). "Cellular automata simulation of traffic including cars and bicycles". In: *Physica A: Statistical Mechanics and its Applications* 391.8, pp. 2720–2729.

Vasic, J. and Ruskin, H. J. (2011a). "A Discrete Flow Simulation Model for Urban Road Networks, with Application to Combined Car and Single-File Bicycle Traffic". In: *Computational Science and Its Applications - ICCSA 2011*. Ed. by B. Murgante et al. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 602–614.

Vasic, J. and Ruskin, H. J. (2011b). "Throughput and delay in a discrete simulation model for traffic including bicycles on urban networks". In: *Proceedings of ITRN 2011, 31 August –1 September2011, UCC, Cork, Ireland*.

* Accepted for publication ** Not peer reviewed