

List of Publications

Martin Flusser, Ing.

Journal

- M. Flusser and P. Somol, “Efficient anomaly detection through surrogate neural networks,” *Neural Computing and Applications*, vol. 34, no. 23, pp. 20 491–20 505, 2022. [Online]. Available: <https://doi.org/10.1007/s00521-022-07506-9> – *Indexed by WoS and Scopus*

International Conferences

- M. Flusser and P. Somol, “Adaptive approach for density-approximating neural network models for anomaly detection,” in *13th International Conference on Computational Intelligence in Security for Information Systems (CISIS 2020)*, Á. Herrero, C. Cambra, D. Urda, J. Sedano, H. Quintián, and E. Corchado, Eds. Cham: Springer International Publishing, 2021, pp. 415–425. – *Indexed by Scopus*
- M. Flusser, T. Pevný, and P. Somol. “Density-approximating neural network models for anomaly detection“, *ACM SIGKDD workshop on outlier detection de-constructed (8 2018)*. London, United Kingdom.

Local Conferences

- M. Flusser, *Towards Reliable Anomaly Detection on Difficult Data*, workshop FNSPE CTU - “Doktorandské dny”, 2017, Prague
- M. Flusser, *Density-Approximating Neural Network Models for Anomaly Detection (abstract)*, workshop FNSPE CTU - “Doktorandské dny”, 2018, Prague
- M. Flusser, *Density-Approximating Neural Network Models for Anomaly Detection Using Non-Uniform Auxiliary Training Sets*, workshop FNSPE CTU - “Doktorandské dny”, 2019, Prague
- M. Flusser, *Adaptive Approach for Density-Approximating Neural Network Models for Anomaly Detection (abstract)*, workshop FNSPE CTU - “Doktorandské dny”, 2020, Prague
- M. Flusser, *Towards Online Anomaly Detection with Density-Approximating Neural Network Models (abstract)*, workshop FNSPE CTU - “Doktorandské dny”, 2021, Prague

- M. Flusser, Efficient Anomaly Detection Through Surrogate Neural Networks (abstract), workshop FNSPE CTU - "Doktorandské dny", 2022, Prague