Magdalena Marta Rybicka 15.03.2026

Wykaz publikacji naukowych

1. **Rybicka, M.,** Kowalczyk, K., Thebaud, T., Dehak, N., Villalba, J. (2025) Joint Diarization and Separation Using SepFormer with Non-Autoregressive Attractors. *IEEE Signal Processing Letters*, DOI: 10.1109/LSP.2025.3590325.
2. **Rybicka, M.**, Villalba, J., Thebaud, T., Dehak, N., Kowalczyk, K. (2024) End-to-End Neural Speaker Diarization with Non-Autoregressive Attractors. *IEEE/ACM Transactions on Audio, Speech, and Language Processing*, DOI: 10.1109/TASLP.2024.3439993.
3. Kacprzak, S., **Rybicka, M.**, Kowalczyk, K., (2022) Spoken Language Recognition with Cluster-Based Modeling. *ICASSP 2022 - 2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, Singapur, DOI: 10.1109/ICASSP43922.2022.9747515.
4. **Rybicka, M.**, Villalba, J., Dehak, N., Kowalczyk, K. (2022) End-to-End Neural Speaker Diarization with an Iterative Refinement of Non-Autoregressive Attention-based Attractors. *Proc. Interspeech 2022*, Inczhon, Korea Południowa, DOI: 10.21437/Interspeech.2022-10169.
5. Villalba, J., Borgstrom, B. J., Kataria, S., **Rybicka, M.**, Castillo, C. D., Cho, J., García-Perera, L. P., Torres-Carrasquillo, P. A., Dehak, N. (2022) Advances in Cross-Lingual and Cross-Source Audio-Visual Speaker Recognition: The JHU-MIT System for NIST SRE21. *Odyssey 2022: the speaker and language recognition workshop*, Pekin, Chiny, DOI 10.21437/Odyssey.2022-30.
6. **Rybicka, M.**, Villalba, J., Żelasko, P., Dehak, N., Kowalczyk, K. (2021) Spine2Net: SpineNet with Res2Net and Time-Squeeze-and-Excitation Blocks for Speaker Recognition. *Proc. Interspeech 2021*, Brno, Czechy, DOI: 10.21437/Interspeech.2021-1163.
7. Witkowski, M., **Rybicka, M.**, Kowalczyk, K. (2021) Sparse Linear Prediction-based Dereverberation for Signal Enhancement in Distant Speaker Verification. *29th European Signal Processing Conference (EUSIPCO*), Dublin, Irlandia, DOI: 10.23919/EUSIPCO54536.2021.9616126.
8. **Rybicka, M.**, Kowalczyk, K. (2020) On Parameter Adaptation in Softmax-Based Cross-Entropy Loss for Improved Convergence Speed and Accuracy in DNN-Based Speaker Recognition. *Proc Interspeech 2020*, Szanghaj, Chiny, DOI: 10.21437/Interspeech.2020-2264.
9. Witkowski, M., **Rybicka, M.**, Kowalczyk, K. (2019) Speaker Recognition from Distance Using X-Vectors with Reverberation-Robust Features. *2019 Signal Processing: Algorithms, Architectures, Arrangements, and Applications (SPA)*, Poznań, Polska, DOI: 10.23919/SPA.2019.8936665.