

PixIT: joint training of speaker diarization and speech separation from real-world multi-speaker recordings

Kalda, Joonas; Pagés, Clément; Marxer, Ricard; Alumäe, Tanel; Bredin, Hervé The Speaker and Language Recognition Workshop (Odyssey 2024), 18-21 June 2024, Quebec City, Canada 2024 / p. 115-122 p. : ill <https://doi.org/10.21437/odyssey.2024-17>

Robust training of vector quantized bottleneck models

Lancucki, Adrian; Chorowski, Jan; Sanchez, Guillaume; Marxer, Ricard; Chen, Nanxin; Doling, Hans J.G.A.; Khurana, Sameer; **Alumäe, Tanel**; Laurent, Antoine 2020 International Joint Conference on Neural Networks (IJCNN), 19-24 July 2020, Glasgow, UK : proceedings 2020 / art. 163566 : 7 p <https://doi.org/10.1109/IJCNN48605.2020.9207145> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

TalTech-IRIT-LIS speaker and language diarization systems for DISPLACE 2024

Kalda, Joonas; Alumäe, Tanel; Lebourdais, Martin; Bredin, Hervé; Baroudi, Séverin; Marxer, Ricard Interspeech 2024, 1-5 September 2024, Kos, Greece 2024 / p. 1635–1639 : ill <https://doi.org/10.21437/Interspeech.2024-2462>

ToTaTo system descriptions for the NOTSOFAR1 challenge

Kalda, Joonas; Alumäe, Tanel; Baroudi, Séverin; Lebourdais, Martin; Bredin, Hervé; Marxer, Ricard 8th International Workshop on Speech Processing in Everyday Environments (CHiME 2024), 6 September 2024, Kos, Greece 2024 / p. 23-25 <https://doi.org/10.21437/CHiME.2024-5>

Unsupervised neural segmentation and clustering for unit discovery in sequential data

Chorowski, Jan; Chen, Nanxin; Marxer, Ricard; Doling, Hans J.G.A.; Sanchez, Guillaume; **Alumäe, Tanel** Workshop on Perception as Generative Reasoning, NeurIPS 2019, Vancouver, Canada 2019 / 7 p. : ill <https://pgr-workshop.github.io/img/PGR009.pdf> https://pgr-workshop.github.io/accepted_papers/