

Collar-aware training for streaming speaker change detection in broadcast speech

Kalda, Joonas; Alumäe, Tanel The Speaker and Language Recognition Workshop (Odyssey 2022), 28 June - 1 July 2022, Beijing, China : proceedings 2022 / p. 141–147 <https://doi.org/10.21437/Odyssey.2022-20>

Combining hybrid and end-to-end approaches for the OpenASR20 challenge

Alumäe, Tanel; Kong, Jiaming Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1585-1589 <https://doi.org/10.21437/Interspeech.2021-1086>

Coping with reverberant acoustics in singing by extending the plosive closures in vowel-plosive-vowel sequences

Vurma, Allan; Meister, Einar; Meister, Lya; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri 5th International Symposium on Applied Phonetics (ISAPh 2024), 30 September - 2 October 2024, Tartu, Estonia 2024 / p. 115-120 : ill <https://doi.org/10.21437/ISAPh.2024-22>

Developmental changes of vowel acoustics in adolescents

Meister, Einar; Meister, Lya Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1688-1692 <https://doi.org/10.21437/Interspeech.2021-1649>

Exploring the impact of pretrained models and web-scraped data for the 2022 NIST language recognition evaluation

Alumäe, Tanel; Kukk, Kunnar; Le, Viet-Bac; Barras, Claude; Messaoudi, Abdel; Kheder, Waad Ben 24th Annual Conference of the International Speech Communication Association (INTERSPEECH 2023) : Dublin, Ireland, 20-24 August 2023 2023 / p. 516 - 520 [International Speech Communication Association, Interspeech 2023Dublin20 August 2023through 24 August 2023](https://doi.org/10.21437/Interspeech.2023-Dublin20-August-2023through-24-August-2023)

Implementation of a radiology speech recognition system for Estonian using open source software

Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar 18th Annual Conference of the International Speech Communication Association (INTERSPEECH 2017) : Situated Interaction : Stockholm, Sweden, 20 - 24 August 2017 2017 / p. 2168-2172 : ill <http://doi.org/10.21437/Interspeech.2017-928> <http://toc.proceedings.com/36411webtoc.pdf>

Implementation of a radiology speech recognition system for Estonian using open source software [online resource]

Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar INTERSPEECH 2017 : SITUATED INTERACTION, 20–24 August 2017 Stockholm, Sweden : book of abstracts 2017 / p. 165 https://www.isca-speech.org/archive/Interspeech_2017/booklet.pdf <http://doi.org/10.21437/Interspeech.2017-928>

Improving language identification of accented speech

Kukk, Kunnar; Alumäe, Tanel Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, 2022, 18 September-22 September 2022 / p. 1288-1292 : ill <https://doi.org/10.21437/Interspeech.2022-10455>

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>

Pretraining approaches for spoken language recognition : TalTech submission to the OLR 2021 Challenge

Alumäe, Tanel; Kukk, Kunnar The Speaker and Language Recognition Workshop (Odyssey 2022), 28 June - 1 July 2022, Beijing, China : proceedings 2022 / p. 240–247 <https://doi.org/10.21437/Odyssey.2022-34>

Recognition of creaky voice from emergency calls

Tavi, Lauri; Alumäe, Tanel; Werner, Stefan INTERSPEECH 2019 : "Crossroads of speech and language" : Graz-Austria, September 15th-19th 2019 2019 / p. 191 https://www.isca-speech.org/archive/Interspeech_2019/booklet.pdf

Recognition of creaky voice from emergency calls

Tavi, Lauri; Alumäe, Tanel; Werner, Stefan Interspeech 2019 : 15-19 September 2019, Graz 2019 / p. 1990-1994 : ill <https://doi.org/10.21437/Interspeech.2019-1253>

TalTech systems for the Odyssey 2024 Emotion Recognition Challenge

Härm, Henry; Alumäe, Tanel The Speaker and Language Recognition Workshop (Odyssey 2024), 18-21 June 2024, Quebec City, Canada 2024 / p. 255–259 <https://doi.org/10.21437/odyssey.2024-36>

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>

The TalTech systems for the short-duration speaker verification challenge 2020

Alumäe, Tanel; Valk, Jörgen 21st Annual Conference of the International Speech Communication Association (INTERSPEECH 2020): Cognitive Intelligence for Speech Processing : Proceedings of a meeting held 25-29 October 2020, Shanghai, China 2020 / p. 746-750 https://www.isca-speech.org/archive/interspeech_2020/alumae20_interspeech.html <http://www.proceedings.com/56854.html>

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>

Using pretrained language models for improved speaker identification

Zamana, Oleksandra; Käärd, Priit; Alumäe, Tanel The Speaker and Language Recognition Workshop (Odyssey 2024), 18-21 June 2024, Quebec City, Canada 2024 / p. 51–58 <https://doi.org/10.21437/odyssey.2024-8>

Weakly supervised training of speaker identification models

Karu, Martin; Alumäe, Tanel Odyssey 2018 : The Speaker and Language Recognition Workshop, 26-29 June 2018, Les Sables d'Olonne, France : proceedings 2018 / p. 24-30 : ill https://www.isca-speech.org/archive/Odyssey_2018/pdfs/41.pdf