

情報科学フロンティア研究院 特別講演会

名古屋工業大学 情報科学フロンティア研究院
名古屋工業大学 グローバル共生情報研究センター
名古屋工業大学 国際音声技術研究所

アールト大学にて音声認識グループを率いるMikko Kurimo准教授をお招きし、欧州連合Horizon 2020による研究プロジェクトを含む最新研究動向をご紹介します。

Advances in Aalto University Automatic Speech Recognition System

Mikko Kurimo

(Associate Professor, PhD,
Head of Speech recognition group)

日時：2017年12月15日（金）13:00～14:30

場所：名古屋工業大学 4号館1階110号室
(産学官交流スペース)

対象：一般，大学生，教員



Abstract:

In this talk I will summarize the results in several recent research projects of my automatic speech recognition research group at Aalto University. The projects include acoustic modeling development for speech recognition and pronunciation evaluation of foreign language learners and language modeling for conversational speech. I will also summarize the recent developments in Aalto's new ASR system that won the MGB ASR Challenge 2017 including experiments with character-based units for unlimited vocabulary ASR in various languages. Finally, I can speak about the plans for our new 3-year H2020 project starting in January 2018.

Biography :

Dr. Mikko Kurimo is a professor in speech and language processing at Aalto University, Finland. He has worked at several top groups in that field and been the head of Aalto's speech recognition research group since 2000. He has led and been part of several national and international research projects including 7 EC projects and over 180 scientific articles. His work is internationally best known for unsupervised sub-word language modeling for morphologically complex languages such as Finnish, Estonian, Turkish and Arabic. His achievements in 2017 include winning of the 2017 multi-genre broadcast speech recognition challenge and success in Tekes Challenge Finland competition (348 competing projects) and in EC's H2020-ICT-2017 call (115 competing projects).

学外からの聴講も歓迎します

本セミナーは下記の授業として行います

博士前期 1) 材料・エネルギー特別演習1, 2

2) 情報・社会特別演習1, 2

博士後期 1) 材料・エネルギー先進特別演習1, 2

2) 情報・社会先進特別演習1, 2

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