Montreal Forced Aligner (MFA) Workshop:

Tutorial and Practice

October 29 (Wed), 2025

VENUE

International Christian University

@ DH-203/204

Language:
English (Japanese ok)

Registration Fee:
Free

PART 1 : LECTURE (HYBRID) 10:30-12:30

Speech-to-text alignment with the Montreal Forced Aligner

Speech-to-text alignment is the first step in many phonetic analysis pipelines. Montreal Forced Aligner provides timestamps of words and speech sounds from audio and verbatim transcripts for 20+ pretrained languages, along with model adaptation and training functionality. In this talk, I will cover basic MFA usage and commands to fix commonly encountered issues when applying MFA to new data.

PART 2 : WORKSHOP (IN-PERSON) 14:00-17:00

co-facilitated by Dr. Tanner, James (University of Glasgow)

One size does not fit all: Tailoring MFA to your data

This workshop will focus on practical usage of applying MFA to new data. The first 30 minutes will be dedicated to making sure MFA is correctly installed and runnable. The remaining time will be focused on running through tutorials for generating alignments and adapting pretrained models to new languages. Demo corpora for English, Mandarin, and Japanese are available to be used, but I recommend bringing your own data to the workshop and attempting to get it aligned, even if it's not a language supported by MFA out of the box.

Michael McAuliffe

University of Wisconsin-Madison, Waisman Center and McGill University, Department of Linguistics

Michael McAuliffe is the primary developer for various open source tools for phonetic corpus analysis, including the Montreal Forced Aligner and PolyglotDB. He is currently a research scientist at University of Wisconsin-Madison, and worked previously at Amazon and McGill University.

Registration Form

Hosted by ICU LingLab
Co-hosted by DDDLing, JSAntu, PhonTyp 2
Kakenhi (B) 21KK0005, (B) 23K25319, (C) 24K03872, (A) 25H00465.
Supported by Phonetic Society of Japan,

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