Music Language Models for Audio Analysis

Adrien Ycart

- Automatic music transcription :

Lexica, syntax, semantics…

Voice recording → Phonemes → Sentences

Acoustic model
Extracts features from audio

Language model
Uses prior knowledge to create a "meaningful" output

Music recording → Frame-wise F0 → Piano-roll

Music theory, genre, culture…

Focus of my PhD

CIS centre for intelligent sensing

Queen Mary
University of London