



A practical introduction to Phon

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10am – 5 pm
Room 750-753, Meng Wah Complex, HKU
(Chair: Prof Tom Klee)

ABSTRACT

During this workshop, I will begin with an overview of the PhonBank database (<https://phonbank.talkbank.org>), an offshoot of the CHILDES project within the larger TalkBank Project (<https://talkbank.org>). I will then turn the focus on to Phon, the software program behind PhonBank, and describe the types of analytical possibilities that Phon offers for the study of phonological development (both for first and second language acquisition) as well as for the study of phonological disorders (both developmental and acquired), using either phonetic transcriptions or combinations of transcriptions and acoustic measurements. Following this brief presentation, I will guide the workshop participants through the main steps involved in corpus building and analysis within Phon. This includes: digital recording segmentation (time-stamping), transcription and annotation, phone syllabification and alignment, data query, acoustic measurement, and reporting.

About the speaker



Professor Yvan Rose is a researcher in linguistics (phonetics and phonology) who specializes in language acquisition and speech disorders at Memorial University of Newfoundland, Canada. He obtained his Ph.D. from McGill University in 2001 and pursued additional training as postdoctoral fellow at the University of California, Berkeley as well as Brown University. His research focuses on the integration of perceptual, acoustic and articulatory factors within theoretical models of phonology and phonological development. He has also contributed to the expansion of research methods in these areas through the development of Phon, an open-source software program for the study of phonology and acoustic phonetics (<https://www.phon.ca>), and the creation of the PhonBank, a web-accessible database documenting language acquisition and speech disorders across a wide range of languages and language learning contexts (<https://phonbank.talkbank.org>).

All are welcome!

All of the training materials will be made available to the workshop participants, who will be able to gain practical knowledge as well as basic experience with phonological and acoustic analysis. Phon is open-source software and can be downloaded at <https://www.phon.ca>. Participants should bring a laptop/notebook (Macbook or Windows with 64-bit processor) and earbuds/headphones with them to the workshop. Instructions for installing PHON 3 before the workshop will be emailed to all registered participants.

Please register at https://hkuems1.hku.hk/hkuems/ec_regform.aspx?guest=Y&ueid=63564.

For enquiry, please contact Faculty of Education at 3917 2395.