

## **Prosody and Perception**

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8 September, 9:00-10:30 & 11:00–12:30 & 14:00–16:00

These sessions will provide participants with a state-of-the-art overview of the complexity of prosody perception, focusing on experimental design, testing models of prosody, and the interplay of prosodic parameters. In the first time slot (Prosody and Perception I), we will outline these concepts in terms of F0-internal factors such as the shape and timing of pitch accents, as well as the interplay of F0 and intensity in pitch-accent perception. This session will cover how pitch-accent specific micro-rhythms emerge, as well as how changes on F0, intensity, and duration lead to perception of different types of emphatic accents. The first time slot ends with connecting prosody (pitch accents in particular) to the string of sound segments by showing that fricatives can also convey (aperiodic) pitch impressions and how this fact is exploited by speakers in different F0 contexts.

Building on this segment-prosody link of "segmental intonation", the second time slot (Prosody and Perception II) will focus on prosody-segment interactions, stress, and lexical perception, with a focus on developments in the last 5-7 years.

The third part of "Prosody and Perception" - i.e. Experimental Studies for Prosody and Perception - will be a hands-on session. Participants will form small groups and use PSOLA resynthesis to create stimuli. Participants will use PRAAT-MFC to design a perception experiment, and time permitting, collect data with members of a different group as participants.