

Workshop: Beyond Automatic Formant Frequency Extraction

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This workshop will provide a tutorial in intermediate techniques for obtaining acoustic-phonetic data from speech recordings. With respect to formant frequency measurements, we will discuss the reliability of automatic formant tracking, assessment of measurement reliability, alternative measurement scales (such as the Bark and ERB scales), and normalization. We will also discuss measurement techniques for other acoustic-phonetic parameters such as duration and fundamental frequency. The workshop will assume basic working knowledge of a signal analysis tool such as Praat. Participants should feel free to bring specific questions or problems related to acoustic analysis for discussion.