



Pozývame Vás na

SEMINÁR ÚI SAV,

ktorý sa bude konať v utorok 4.12.2018 o 10.30 hod.
v zasadačke č.102

Program:

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Analysing second language prosody with wavelets

This presentation provides an overview of second language (L2) speech prosody and introduces a state-of-the-art method for analysing prosody.

Speech is the primary form of human communication, but we don't usually pay attention to speaking unless we face problems with it. When we learn to speak a foreign language, we often face many challenges with the pronunciation of the target language. One important aspect is *the prosody of the L2*: producing the correct prosodic features plays a fundamental role in achieving intelligibility and fluency in L2. Intelligibility and fluency, in turn, are central elements in many assessment criteria of oral L2 skills. Prosodic signals, however, are complex, containing information on syllable, word, phrase, and utterance levels. This information is encoded in parallel in one-dimensional acoustic signal, which makes prosodic phenomena challenging to study. *Continuous wavelet analysis* is a step towards a representation for prosody, where the contribution of different phonological layers is distinguishable. This provides new possibilities for analysing prosodic events and illustrate prosodic differences between native and non-native speakers. I will introduce experiments, where continuous wavelet analysis is applied to L2 speech, and we will discuss its potential use in L2 speech research and assessment.

Tešíme sa na stretnutie s Vami pri šálke kávy alebo čaju.

Ing. Ivana Budinská, PhD.
riaditeľka ÚI SAV