MIAPARLE: A set of computer-based tools for the acquisition of prosody in a second language: prosodic aspects

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• **CALL web platform** designed to help beginner learners to reduce their foreign accent in a second language

• **Training activities in perception and production**

• **Special focus on prosody**, more particularly lexical stress
Lexical stress ...or word stress, lexical accent, pitch accent, stress contrast, ...

- can be fixed or variable, primary or secondary
- is usually unknown/ignored by learners with stressless L1 (i.e. French, Japanese)
  ⇒ stress deafness
- is hardly taught in classrooms
- is almost nonexistent in CALL systems
Dedicated for

- Learners: accessing to online tools for improving L2 prosody
- Teachers: testing different training methods
- Scientists: gathering data for research purposes
Training

Pre-tests

- Find the right word
- Odd-One-Out
- Perception
- Production

Post-tests

Same as pre-tests + new stimuli
Following screenshots:

- welcome page
- scenario of activities
- Pre-test #1 : Find the right word
- Pre-test #2 : Odd one out
- Perceptive training A
- Perceptive training B
- Production
Welcome to miaparle

Improve your accent

Follow on the Exercises
Click on the word with stress on the **antepenultimate** syllable.
Click on the word with a different accentuation.
Click on the shape corresponding to the stress pattern

Score: 0
Click on the shape corresponding to the stress pattern

Score: 0
Repeat the word after you clicked on the microphone to start recording. Press again on the microphone to stop recording.
MIAPARLE – Volet Perception

Pré-tests

Training

A / B testing

Post-tests

as pre-tests +new stimuli

Localisation
Odd-One-Out
Perspectives

- More L1 (German, Italian, Spanish, ...)
- More L2
  - German, English, Italian
  - Tone languages
- More than words
- Test with larger groups of learners
- Use learners recordings