The Research Group Speech Comprehension

presents in the CLS Colloquium Lunch Series:

Adopted children and a computational model simulating students

by Mirjam Ernestus, Mirjam Broersma & Louis ten Bosch

The comprehension group investigates how natives and learners of a language process speech. Mirjam Ernestus will first give a (very) short overview of what the group does. Mirjam Broersma and Louis ten Bosch will then discuss two major projects that illustrate the diversity of the work in this group.

Mirjam Broersma will discuss the question whether international adoptees really forget their first language. She will report on two studies. Study 1 investigated children who were adopted from China only some years ago. Study 2 investigated adults who were adopted from Korea several decades ago. These adoptees' perception and production of phonological contrasts from the birth language were tested before and after extensive re-exposure.

Louis ten Bosch will discuss DIANA, a recently developed computational model of human speech comprehension. DIANA takes the acoustic signal as input and predicts students' reaction times, lexicality judgments and their decisions about word identities as observed in auditory lexical decision tasks and a word recognition task. Developing DIANA implied making assumptions about cognitive processes and answering questions about how to evaluate models like DIANA.

When: Tuesday 20 September, 2016 12:45 (sharp)

Lunch is provided! To register, please send an email to: clscolloquium@let.ru.nl

Where: E2.54 (Erasmus Building)

For more information, see www.ru.nl/cls