

CRUS Doctoral Programme - Language & Cognition

Module : International Workshop on Language production (IWLP)

The IWLP is a venue for multi-disciplinary discussion of cognitive science research on how the brain produces language (<http://www.unige.ch/fapse/IWLP2014/index.html>). The IWLP is an opportunity for CRUS students to attend talks given by very prominent researchers in the field, as the event is organized around 10 one hour-long keynote-style talks and poster sessions, in addition to a 90 min methodological workshop on methodological and statistical approaches to language production data.

PROGRAM

1 special event: **Pim Levelt:** *On the origins of language production research*
9 invited talks: **Sonia Kandel** (CNRS Grenoble): *The interaction between spelling and motor processes in writing*; **Jean-François Démonet** (University of Lausanne): *Dorsal / ventral dichotomy and written language processing*; **Susanne Gahl** (Univ. of California): *Patterns and mechanisms of phonetic reduction*; **Jim Scobbie** (Queen Margaret University, Edinburgh): *Phonetic variation and speech disorders*; **Agnes Kovacs** (Central European Univ): *Flexible learning of words and rules in bilingual and monolingual infants*; **Brad Mahon** (University of Rochester): *Retrieving words in spoken language production*; **Alex Martin** (NIMH): *The neural circuitry for producing words depends on the meaning of the words produced*; **Simon Fischer Baum** (Rice University): *Representing position in written and spoken language*; **Dan Acheson** (Max Planck): *Monitoring and Control in Language Production*

1 CRUS methodological workshop (see details below**)

5 poster sessions

WHEN/WHERE

The module will take place over 3 days on **16-18 July 2014**, at the **University of Geneva**.

** CRUS methodological workshop

F.Xavier Alario (CNRS, Marseille) & **Matt Goldrick** (Northwestern University)

This workshop will introduce participants to the statistical analysis of psycholinguistic data, where variability across participants and linguistic materials need to be jointly considered. The statistical models used will include linear regression with crossed-random factors, often referred to as mixed-effect models (Baayen, 2008, Cambridge University Press). Participants will be introduced to the basics of this approach, followed by discussion of theoretical and practical issues arising in their own data sets.

CRUS students can send their own data set (see format below) with a short abstract (150 words) describing the method and aim of the study to marlene.leuzinger@unifr.ch by June 15th.

Format: text or excel (in this case all data on one sheet); ideally datasets are organized with one trial per file line, with every line containing the characteristics of the trial across columns (i.e. conditions, participant or item labels etc.) and missing values coded with the string NA. See example below.

TrialN	Subject	Age	Item	Factor1	Factor2	RT	error
1	Pepito	22	House	Low	3	450	no
2	Juana	NA	Car	High	4	523	yes
...							

Contact and Registration

15 doctoral students can take part in this module. The registration deadline is on **June 1st 2014**. In order to register, doctoral students should contact the coordinator at marlene.leuzinger@unifr.ch.

Organisation

The CRUS doctoral workshop *Language & Cognition* is organised by the University of Fribourg with the collaboration of the University of Geneva and the University of Neuchâtel. The IWLP module is organised by Marina Laganaro.