

# CRUS Doctoral Programme - Language & Cognition

## WHAT - Module : Language and cognitive neuroscience

The use of neuroscience techniques has become a major approach in the study of language. Functional magnetic resonance (fMRI) and electrophysiological evoked potentials (EEG/ERP) allow an insight into how the brain processes language from an anatomical and from a dynamic point of view respectively. In this module the participants will be familiarized the use of fMRI and EEG/ERP in language science.

## WHO

The module combines theoretical and methodological presentations of fMRI and EEG/ERPs with two practical sessions where participants will take part in recording and analyses with each technique.

The seminal theoretical and methodological presentations will be given by international experts in these fields:

Guillaume Thierry, Bangor University for EEG/ERPs

Bogdan Draganski and Ferath Kherif, Univ. of Lausanne for fMRI

The hands-on sessions will be under the supervision of Lucas Spierer, Michaël Mouthon and David Magezi, UniFR.

## WHEN

The module will take place over 2 days on 14-15 January 2014.

## WHERE

This module is offered at the University of Fribourg.

## Registration

15 doctoral students can take part in this module. The registration deadline is on **15 December 2013**.

In order to register, doctoral students should contact the coordinator at [marlene.leuzinger@unifr.ch](mailto:marlene.leuzinger@unifr.ch).

## Contact

All practical and administrative questions should be addressed to the programme coordinator, Mrs Marlène Leuzinger, at

[marlene.leuzinger@unifr.ch](mailto:marlene.leuzinger@unifr.ch)

More information can be found here: [lettres.unifr.ch/fr/langues-litteratures/anglais/DocProg.html](http://lettres.unifr.ch/fr/langues-litteratures/anglais/DocProg.html)

## 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 module "Language and Cognitive NeuroScience is co-organised by Jean-Marie Annoni (UniFR) and Marina Laganaro (UniGE).