

Dear all,

We would like to invite you to a tutorial on Generalized Additive Models (GAMs) which will take place on August 30-31<sup>st</sup> at Leibniz-Centre General Linguistics (room 403)). The workshop is organized in cooperation with the Institut für deutsche Sprache und Linguistik, Humboldt-Universität zu Berlin.

This 2-lecture tutorial will provide a hands-on introduction to generalized additive modeling (GAMs), a flexible regression method able to model non-linear patterns (such as those occurring in time series data) while simultaneously taking into account fixed and random effect factors. In the first lecture, GAMs will be used to analyze non-linear patterns in articulatory data, whereas the second lecture will focus on non-linear interactions in ERP data.

**The tutorial will be led by Martijn Wieling (University of Groningen)**  
**<http://www.martijnwieling.nl/>**

In preparation, it is useful to read: Wieling, M. (2018, forthcoming). Analyzing dynamic phonetic data using generalized additive mixed modeling: a tutorial focusing on articulatory differences between L1 and L2 speakers of English. Journal of Phonetics:

<http://martijnwieling.nl/files/GAM-tutorial-Wieling.pdf>.

The slides of both lectures can be found here:

<http://www.let.rug.nl/~wieling/Statistics/GAM-Intro/#1> (please use arrow keys to move from slide to slide)

<http://www.let.rug.nl/~wieling/Statistics/GAM-EEG/#1>

Please use the following form to register:

<http://www.123formbuilder.com/form-3664949/Event-Registration-Form>

The registration officially closes on August the 20<sup>th</sup>, but since statistics workshops tend to generate a fair amount of interest, we encourage you to register earlier.

Best regards,

Marzena Zygis and Christine Mooshammer