

## ***WORKSHOP: Experimental Methods in Linguistics***

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This workshop will be devoted to experimental methods used in linguistics. Upon completion of this workshop you will have acquired a comprehensive understanding of the basics of doing research in linguistics in theoretical and practical terms. The workshop is aimed primarily at complete novices in experimental research. The workshop will consist of 2 meetings, 45 minutes each. The two meetings are complementary, and therefore participants are strongly advised to attend both parts.

During the first meeting we will discuss the origin of methods in linguistic research, the types of experimental tasks along with the aims they are set to achieve, as well as the types of data that can be collected during research along with their methods of interpretation. Following this, we will present the fundamental notions in experimental design such as: the distinction between research questions and hypotheses, the definition of variables, the typology of experimental design, the dangers of errors and biases, the importance of reliability and validity, the issue of cause and effect in experimental research etc. The presentation of these fundamental notions will be followed by a practice session. We will conclude this first part with a short discussion of the advantages and disadvantages of doing original research vs. replicating experiments.

During the second meeting we will focus on the practicalities of stimuli and participant selection, as well as the issues relating to the experimenter's conduct. We will also discuss the basic ethical considerations which is an emerging problem in humanities research. We will finish the workshop with a discussion and presentation of the most widely used and the most effective tools that can be implemented at each of the stages of designing and conducting an experiment in linguistics.

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