

Workshop No. 3:

Acquiring, archiving and processing linguistic field data: current techniques and tools.

Chairpersons of the Workshop:

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Time: expected Monday, July 23 2012, 8.30 am – 4.30 pm

Language: English

Abstract:

participants should bring their own laptop, if available, as well as field work equipment (recorder, microphones, video camera)

The workshop will demonstrate current techniques and tools in the acquisition, processing, and archiving of (linguistic) field data. We will give participants the chance to try those techniques and tools themselves with their own equipment, if available.

In a first part data acquisition in field work will be discussed. Starting with theoretical issues about microphones, recording devices and the relevant techniques of their use (e.g. mono, stereo, energy and data management).

In a second part we will present current software for data processing (not only) in linguistics: For the purpose of archiving the software Arbil will be presented, developed at the Max Planck Institute for Psycholinguistics in Nijmegen. Also, the archiving system of the Phonogrammarchiv of the Austrian Academy of Sciences will be presented.

Analytical tools will be presented in the software ELAN; according to the interest of the participants other tools like Praat (spectrography), Transcribe! (transcription), or Melodyne (Experiments) can be discussed.

The free tools like Arbil, ELAN and Praat can be used by the participants themselves during the workshop. Therefore we recommend that participants download and install these applications on their own laptops before the workshop from <http://www.lat-mpi.eu/tools/> and <http://www.praat.org>.