



UNIVERSITÀ DEGLI STUDI DI PAVIA

Ph.D. Program in Linguistics

GRADUATE COURSE ON

QUANTITATIVE METHODS AND CORPORA IN LINGUISTIC RESEARCH

Course webpage:

<http://lettere.unipv.it/diplinguistica/pagina.php?id=281>



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Course Objectives and Features:

The course on Quantitative Methods and Corpora in Linguistic Research aims to equip students with skills that will enable them to choose and/or create the appropriate corpus for a given study, the appropriate tools to extract and analyze relevant data, and the appropriate notions for interpreting statistical data, based on theories underlying the distributional paradigm. It will have a strong hands-on flavor, and will feature the following units: (a) Statistical methods (R, ANOVA, multidimensional scaling) and their application to historical linguistics, linguistic typology and language acquisition research; (b) Different types of corpora and their different uses: corpora and annotations will be both discussed from a theoretical point of view, and dealt with practically, via the use of customizable tools for corpus annotation and processing; (c) Acquiring and representing distributional information: students will be presented with methods, techniques and measures used for the acquisition of semantic information from corpora; focus will then move to the problems that arise translating the acquired semantic information into linguistic representation; (d) Data extraction from corpora: course participants will learn to use software for data extraction and processing in user-friendly environments.

General information:

Dates: September 10-21, 2012

Venue: Aula L3 San Tommaso, P.zza del Lino, 2, 27100 Pavia

ECTS credits: 8 ECTS credits

Instructors:

Michael Cysouw, Philipps-Universität-Marburg -
Forschungszentrum Deutscher Sprachatlas

Jan Hajic, Univerzita Karlova v Praze - Institute of Formal
and Applied Linguistics

Olga Lyashevskaya, Moscow State University

Magnus Sahlgren, Swedish Institute of Computer Science
- Stockholm

Malvina Nissim, University of Bologna - Dipartimento di
Studi Linguistici e Orientali

Maria Freddi, University of Pavia - Department of
Humanities - Linguistic Section

Elisabetta Jezek, University of Pavia - Department of
Humanities - Linguistic Section

Stefano Rastelli, University of Pavia - Department of
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COURSE SCHEDULE

	Mon 10	Tue 11	Wed 12	Thur 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thur 20	Fri 21
10-11	Cysouw	Cysouw	Sahlgren	Sahlgren	Jezek			Lyashevskaya	Lyashevskaya	Freddi	Lyashevskaya	Lyashevskaya
11-12	Cysouw	Cysouw	Sahlgren	Sahlgren	Jezek			Lyashevskaya	Lyashevskaya	Freddi	Lyashevskaya	Lyashevskaya
12-13	Cysouw	Cysouw	Sahlgren	Sahlgren	Jezek			Lyashevskaya	Lyashevskaya	Freddi	Lyashevskaya	Lyashevskaya
13-14.30						Rastelli						
14.30-15		14.45				Rastelli						
15-15.30	Cysouw	Sahlgren	Sahlgren	Freddi	Jezek	Rastelli		Hajic	Hajic	Hajic	Nissim	Nissim
15.30-16						Rastelli						
16-16.30	Cysouw	Sahlgren	Cysouw	Freddi	Jezek			Hajic	Hajic	Hajic	Nissim	Nissim
16.30-17												
17-17.30	Cysouw	Sahlgren	Cysouw	Freddi	Jezek			Hajic	Hajic	Hajic	Nissim	Nissim
17.30-18												
18-18.30									Hajic	Hajic		