



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Corso di Dottorato in
Computer and Data Science

History, Science, Language(s): back to the future

Seminar Series

March 7 – May 12, 2025

Introduction

The series consists of **seven meetings**. The speakers will present their ongoing research on topics related to the **analysis of language variation and change**, and on the contribution that **automatic data analysis** is able to provide to the study of the processes and structures which define human language and explain its diversity.

A **unifying theme** will be the interaction, in terms of methods and results, between historical and formal linguistics and the automatic tools for data analyses made available by computer sciences, with the aim to define **novel research lines** and envisage effective **interdisciplinary collaboration**.

Each meeting will explore these topics from a different angle: the investigation of ancient texts of a composite nature (Homeric texts) through the implementation of automatic analysis techniques (C. **Bozzone**); the neurobiological coding of the linguistic capacity and its structures (A. **Moro**); 'microscopic' variation and language contact (A. **De Angelis**); the reconstruction of the human past through the investigation of syntactic change and the automatic analysis of comparative materials (G. **Longobardi**); the universal coding of syntactic properties with their synchronic and diachronic variation (P. **Crisma**).

Program

- March 7**
11am-1pm **Chiara Bozzone** (Ludwig-Maximilians-Universität München)
One of many Homers? Quantitative and computational approaches to the Homeric Question
2-4pm *Homer's living language*
- April 3**
2-4pm **Andrea Moro** (IUSS - Pavia, Scuola Normale Superiore - Pisa)
Impossible histories. On language change and its neurobiological correlates
- April 11**
11am-1pm **Alessandro De Angelis** (Università di Messina)
Three principles of language contact
- April 29/30**
2-4pm **Giuseppe Longobardi** (University of York)
Language, languages, (bio)linguistics and history in the XXI Century
- May 12**
2-4pm **Paola Crisma** (Università di Trieste)
The Genuine Article. Syntax and typology of articles

Dipartimento di Comunicazione ed Economia

Palazzo Dossetti · Viale Allegri, 9 · Reggio Emilia
Sala Riunioni (second floor)

The abstracts of each seminar can be downloaded at
www.parametriccomparison.unimore.it >> *Events*.

Info: cristina.guardiano@unimore.it

