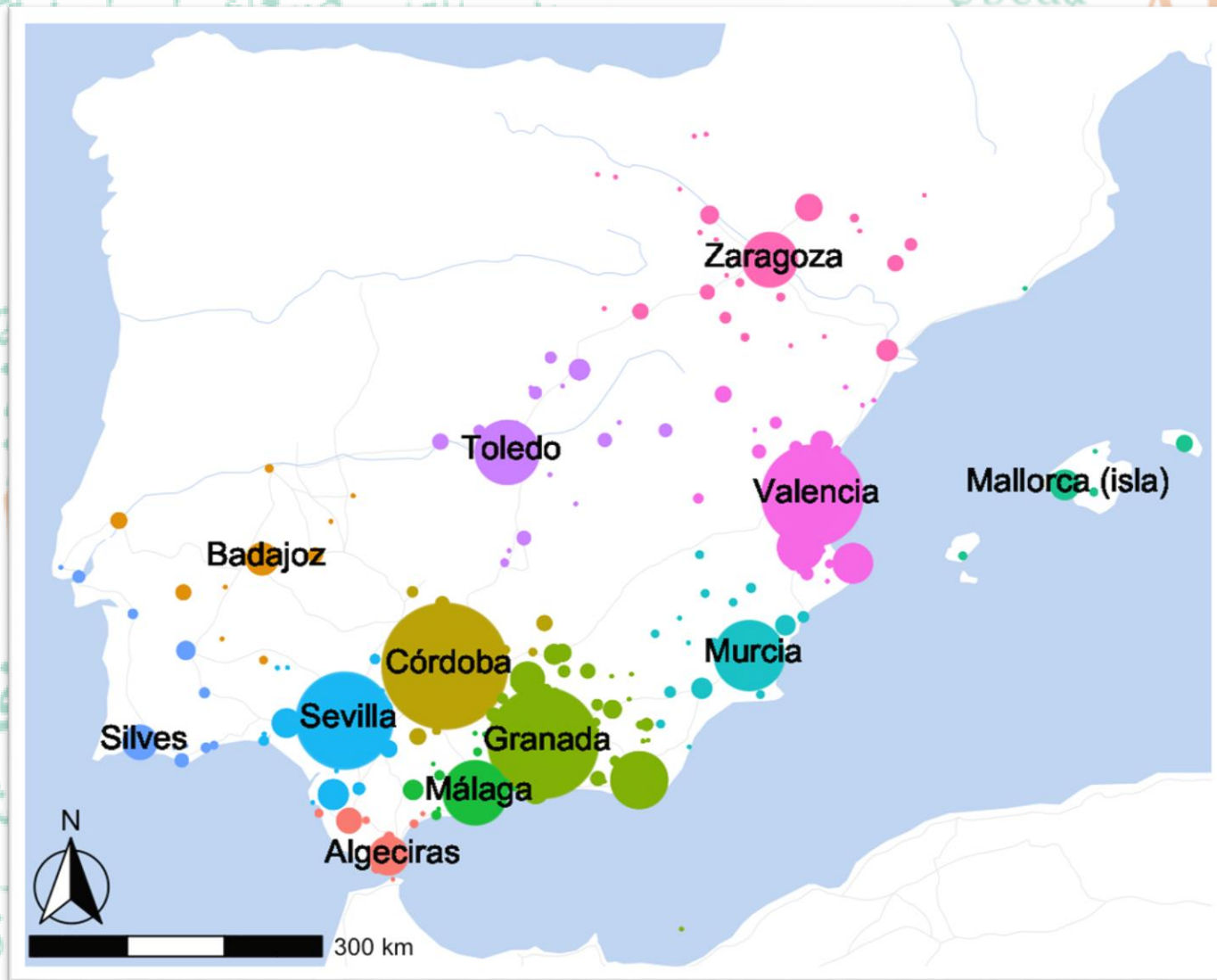


## COURSE

# DIGITAL ANALYSIS OF PROSOPOGRAPHICAL DATA (WITH THE PROGRAMMING LANGUAGE R)

**GRANADA, 16-20 SEPTEMBER 2024**

**PLACE: Casa del Chapiz  
Cuesta del Chapiz 22  
18010 Granada (Spain)**



## Organization

**Mayte PENELAS (Escuela de Estudios Árabes, CSIC)**

**Maxim ROMANOV (Universität Hamburg)**

## Secretary

**Víctor ROPERO AYLLÓN (Escuela de Estudios Árabes, CSIC)**

**This course is designed to provide a practical introduction to the R programming language, with a specific focus on analyzing prosopographical data for historians. The primary dataset we will study in this course is the *Prosopografía de ulemas de al-Andalus* (PUA) Project (<https://www.eea.csic.es/pua/>), which contains the most extensive information on Muslim scholars from al-Andalus. Throughout the course, participants will: 1) gain the foundational knowledge in R programming; 2) learn basic data analysis techniques, including basic chronological graphs, cartograms, and networks; 3) develop an understanding of data manipulation and modeling, and learn how to design their own datasets; 4) apply these skills to the prosopographical dataset; 5) experiment with their own research data and research questions. The course is designed for a maximum of fifteen students with no prior programming experience but it assumes some familiarity with Arabic. Programming experience is beneficial but not required. For the selection process, applicants must submit their CV and a letter of interest.**

**The course is organized within the framework of the projects *Al-Andalus and the Magrib in the Islamic East: mobility, migration and memory*, AMOI-II (PID2020-116680GB-I00, funded by MICIN/AEI/10.13039/501100011033) and *The Evolution of Islamic Societies (c.600-1600 CE): Algorithmic Analysis into Social History* (funded by the German Research Foundation [DFG] within the framework of the Emmy Noether Program).**

### **INSTRUCTOR:**

**Maxim ROMANOV (Universität Hamburg)**

**With the collaboration of**

**Covadonga BARATECH SORIANO (ILC, CSIC),  
Alicia GONZÁLEZ MARTÍNEZ (Universität Hamburg)  
and Hamid Reza HAKIMI (Universität Hamburg)**

### **VENUE:**

**Escuela de Estudios Árabes (Casa del Chapiz)  
Cuesta del Chapiz 22, Granada (Spain)**

**DATE: 16-20 September 2024**

**COURSE HOURS: 30 hours (9:00 – 13:00, 15:00 – 17:00.  
Coffee break: 11:00 – 11:30).**

**REGISTRATION FEE: € 75**

**REGISTRATION DEADLINE: 31 May 2024**

### **INFORMATION AND REGISTRATION:**

**[course.amoi-eis@eea.csic.es](mailto:course.amoi-eis@eea.csic.es)**

