



## **AUDIO ARCHIVES AT THE CROSSROADS OF SPEECH SCIENCES, DIGITAL HUMANITIES AND DIGITAL HERITAGE**

*Arezzo, February 14-16 2019*

Dipartimento di Scienze della Formazione, Scienze umane e della  
Comunicazione interculturale

Audio archives are common in different disciplines within the social sciences and humanities and Information and Communications Technology, from the various fields of linguistics (phonetics, phonology, dialectology, sociolinguistics, corpus linguistics, etc) and speech technologies (natural language processing, automatic speech recognition, etc), to oral history, ethnography, sociology, anthropology, and psychology.

They contain vast amounts of information relevant to social sciences and humanities but at the same time they are underutilized material of intangible cultural heritage. Crucially, the fragmentation of archives, repositories, and data centres undermines the accessibility and reuse of oral archives.

The congress aims at discussing possibilities for a closer collaboration between speech scientists, conversation analysts, speech technologists and oral historians.

Potential questions include:

- What are the challenges involved in the re-use of speech and oral archives collected for other purposes?
- What kind of opportunities do oral archives provide for speech technology?
- What do linguistic uses of historical narratives look like? What are the opportunities and challenges of using oral history archives in linguistic research? What are the opportunities and challenges of phonetic tools for oral history and social sciences? In what ways could oral historians profit from a closer collaboration?
- What are the challenges involved in the long-term preservation and in the metadata description of digital archives? What are the challenges and the risks associated to legal and ethical issues?
- What are the opportunities and the threats associated to online audio archives sharing? What are the long-established standards and the welcomed ones? What are the online share-platforms and the forthcoming projects? What are the opportunities at EU level for the preservation and maintenance of audio archives?

## INVITED SPEAKERS

**Franciska de Jong** | Universiteit Utrecht | Executive Director CLARIN ERIC

### Special session (supported by CLARIN ERIC):

**Christoph Draxler, Florian Schiel** – Bavarian Archive for Speech Signals Ludwig Maximilian University Munich, Germany

*Creating, Managing and Analysing Speech Databases using BAS Services and Emu: A Hands-On Tutorial*

### Organizing committee:

Fabio Ardolino (Università di Pisa)  
Silvia Calamai (Università degli Studi di Siena)  
Letizia Cirillo (Università degli Studi di Siena)  
Caterina Pesce (Università degli Studi di Padova)  
Duccio Piccardi (Università di Pisa)

### Oral Presentations

Oral presentations will last 20 minutes, including a short Q&A session. Presenters should load their presentation to the conference laptops at least 20 minutes before the session starts. PowerPoint or Adobe PDF are the accepted presentation formats; multi-media sound or video files to be presented with slides must be provided at speaker check-in.

### Poster Presentations

Printed posters should be maximum A0 in size (841mm wide by 1189mm high) and portrait in orientation. Presenters are advised to mount their posters at least 20 minutes before the start of the session and remove them after the end of the session. Conference organizers will not be responsible for posters left after the session. Material to affix posters to the poster boards will be available on site.

### Call for papers

The conference aims to discuss empirical and theoretical questions concerning concrete possibilities for a closer collaboration between speech scientists, conversation analysts, speech technologists and oral historians. Potential questions include:

- What are the challenges involved in the re-use of speech and oral archives collected for other purposes?

- What kind of opportunities do oral archives provide for speech technology? What do linguistic uses of historical narratives look like?
- What are the opportunities and challenges of using oral history archives in linguistic research? What are the opportunities and challenges of phonetic tools for oral history and social sciences? In what ways could oral historians profit from a closer collaboration?
- What are the challenges involved in the long-term preservation and in the metadata description of digital archives? What are the challenges and the risks associated to legal and ethical issues? What are the opportunities at EU level for the preservation and maintenance of oral and speech archives?

**Following the tradition of AISV conferences, the programme will also include open sessions on any aspect of speech science research.**

The languages of the conference are **Italian and English**. Power Point presentations and posters should be written in English.

### **How to submit your abstract**

Authors are invited to submit an abstract by 25 September. Abstracts should be written in English or Italian, and should be restricted to 4000 characters (including spaces) and two pages in A4 format, including graphs and references. Abstracts should be submitted in \*.pdf format through the procedure that will be set up in the Congress website (starting from the 1st of July).

### **IMPORTANT DATES**

- Abstract submission: 25 Sept. 2018
- Notification of acceptance: 30 Oct. 2018
- Conference dates: 14-16 Febr. 2019
- Full papers submission: 15 March 2019

### **CONTACT**

If you have any questions, please use the following email address to contact the Organising Committee: [aisv2019@gmail.com](mailto:aisv2019@gmail.com)

### **SCIENTIFIC COMMITTEE**

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 Pier Marco Bertinetto – Scuola Normale Superiore, Pisa  
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 Sergio Canazza – Università di Padova  
 Francesco Cangemi – Universität zu Köln  
 Alessandro Casellato – Università Ca' Foscari Venezia  
 Chiara Celata – Scuola Normale Superiore, Pisa  
 Louise Corti – UK Data Service, University of Essex

Francesco Cutugno – Università Federico II, Napoli  
Amedeo De Dominicis – Università della Toscana  
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