From 19 to 21 September 2018 a group of speech technologists, social scientists, linguists, computer scientists, oral historians and information scientists engaged with a variety of digital tools to explore the integration of digital tools in the research process of scholars who work with interviews.

**Data**
- AV Media
- Transcripts

**Cleaning Up**

**Presenting Results**

**Hermeneutics**
- Interpreting

**Tool = ANNOTATION**
- Time linked annotation tool for audio and video
- Annotation tool for rich text and multimedia qualitative data analysis

**Tool = TCHAIN (OH Portal)**
- Convert audio to text (ASR), align audio and text

**Tool = Linguistic (lexical/semantic) approaches**
- On-the-fly online text analysis tool; no preprocessing
- On-the-fly text mining NLP tool; no preprocessing
- Textometric analysis; preprocessing.
- XML editor for splitting speakers;
- Tree-tagger for classifying words

**Tool = emotion recognition**
- Praat
  - Acoustic signal tool (speech, silences, emotions, speaker turn)

**Tool = TCHAIN**
- “This is a very accessible application. Definitely something I will try again.” “It’s great that this can be used for different languages.”

**Tool = ANNOTATION**
- “I would use this for an exploratory analysis of my oral history data.”
- “It makes such a difference to be able to analyze all of your transcripts and AV-data in one single environment.”

**Tool = emotion recognition**
- Praat
  - Acoustic signal tool (speech, silences, emotions, speaker turn)
- “I’d like the tool to be more transparent about how it generates a word cloud.”

Arjan van Hessen, Louise Corti, Stef Scagliola, Silvia Calamai, Christoph Draxler, Norah Karrouch, Max Broekhuizen, Maureen Haaker