



UNIVERSITÄT  
HEIDELBERG  
ZUKUNFT  
SEIT 1386

# DISTANT READING POTENTIALS AND APPLICATIONS

*"Like it or not, today's literary-historical scholar can no longer risk being just a close reader: the sheer quantity of available data makes the traditional practice of close reading untenable as an exhaustive or definitive method of evidence gathering. Something important will inevitably be missed."* (Matthew L. Jockers, *Macroanalysis* (2013), p. 7)

*"It's a moment of euphoria, for quantitative literary history: like having a telescope that makes you see entirely new galaxies. And it's a moment of truth: so, have the digital skies revealed anything that changes our knowledge of literature?"* (Mark Algee-Hewitt et al., *Canon/Archive. Large-scale Dynamics in the Literary Field* (2016), p. 1)

With the help of technological advances, researchers are increasingly able to process immense amounts of data ("big data") and to come up with results confirming or refuting observations from text-based close-reading processes. But which conditions must be met to conduct research of this kind? In which ways are methods of analyzing texts digitally (Distant Reading – Macroanalysis – Stylometrics)? In which areas are we able to apply Distant Reading textual sciences (intertextuality, network analysis, sentiment analysis, authorship attribution, topic modelling...)? In which ways are Distant and Close Reading connected?

## Location

Marsilius-Kolleg  
Im Neuenheimer Feld 130.1  
69120 Heidelberg

## Further Information / Registration

web: <https://www.uni-heidelberg.de/fakultaeten/theologie/forschung/distant-reading/>

## Directors of the Summer School

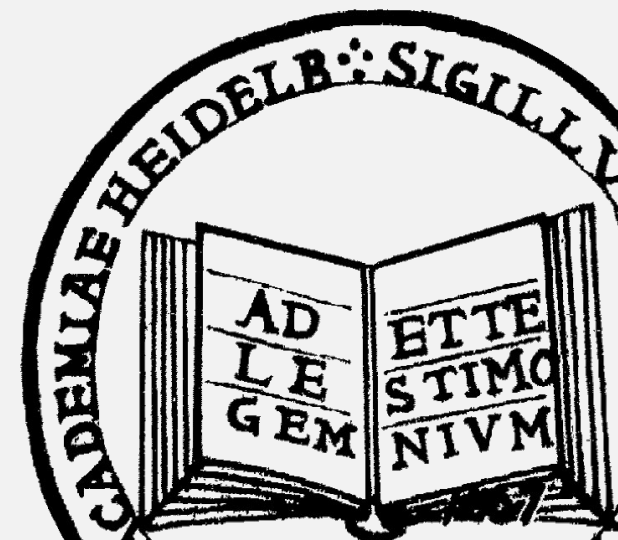
Prof. Dr. Beatrix Busse (English Studies)  
Prof. Dr. Ekkehard Felder (German Studies)  
Prof. Dr. Anette Frank (Computer Linguistics)  
Prof. Dr. Günter Leypoldt (English Studies)  
Prof. Dr. Winrich Lühr (Historical Theology)  
Prof. Dr. Bernd Schneidmüller (History)

**Please do not hesitate to contact us if you  
require any further information**

e-Mail: [summerschool@theologie.uni-heidelberg.de](mailto:summerschool@theologie.uni-heidelberg.de)

# DISTANT READING: POTENTIALS AND APPLICATIONS

## THE 1<sup>ST</sup> SUMMER SCHOOL OF DIGITAL HUMANITIES IN HEIDELBERG





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# Program

SUNDAY, SEPTEMBER 24, 2017

## SESSION 1: BASIC REQUIREMENTS

- 09:30 **Registry**
- 10:30 **Opening - Welcome**  
Prof. Dr. Dr. Bernhard Eitel, President of Heidelberg University
- 10:45 **Digitisation and Presentation of Archival Material**  
Prof. Dr. Gerald Maier, Stuttgart
- 11:45 **Data from Manuscripts**  
Prof. Dr. David Michelson, Nashville, Tennessee
- 14:00 **Compatibility of Research Questions and Data**  
Dr. Martin Fechner, Berlin
- 14:45 **Publishing and Preservation of Digital Data**  
Dr. Jochen Apel, Heidelberg

## SESSION 2: ANALYZING TEXTS AND LANGUAGE

- 16:15 **Text-technological Models of Linguistic Networks**  
Prof. Dr. Alexander Mehler, Frankfurt a.M.
- 18:15 **Corpus Linguistics – New Perspectives on Language and Texts**  
Prof. Dr. Tony McEnery, Lancaster

MONDAY, SEPTEMBER 25, 2017

## SESSION 3: TERMINOLOGY AND AIMS OF DISTANT READING

- 09:00 **Distant Reading**  
Prof. Dr. Mark Algee-Hewitt, Stanford

11:00 **Macroanalysis**  
Prof. Dr. Matthew Jockers, Nebraska, Lincoln

13:45 **Computing Language and Literature: Data, Methods, and Methodology**  
Dr. Christian Riepl, München

## SESSION 4: APPLICATIONS OF DISTANT READING

- 15:30 **Analyzing Historical Data**  
Prof. Dr. Nachum Dershowitz, Tel Aviv
- 17:00 **Analyzing Shakespeare**  
Prof. Dr. Beatrix Busse, Heidelberg

## SESSION 5: PANEL DISCUSSION

20:00 **Potentialities and Limitations of Distant Reading**

### Participants:

Prof. Dr. Mark Algee-Hewitt, Stanford  
Prof. Dr. Beatrix Busse, Heidelberg  
Prof. Dr. Nachum Dershowitz, Tel Aviv  
Prof. Dr. Anette Frank, Heidelberg  
Prof. Dr. Matthew Jockers, Nebraska, Lincoln  
Prof. Dr. Winrich Lühr, Heidelberg (Chair)  
Prof. Dr. Jürgen Paul Schwindt, Heidelberg  
and others

TUESDAY, SEPTEMBER 26, 2017

## SESSION 6: METHODS AND TOOLS FOR DIGITAL TEXT ANALYTICS

- 09:00 **Computational Linguistic Methods in Digital Humanities**  
Prof. Dr. Anette Frank, Heidelberg
- 11:00 **Latent Information Networks**  
Prof. Dr. Michael Gertz, Heidelberg

13:45 **Distant Reading in Praxis**  
Prof. Dr. Fotis Jannidis, Würzburg

14:45 **Digital Discourse Analysis**  
Prof. Dr. Marcus Müller, Darmstadt

## SESSION 7: RELATION OF DISTANT AND CLOSE READING

16:15 **The Convergence of Quantitative and Qualitative Approaches**  
Dr. Christof Schöch, Würzburg

## SESSION 8: POSTER SESSION

17:45 **Projects and Dissertations of Graduate Students in the Field of Distant Reading**

WEDNESDAY, SEPTEMBER 27, 2017

## SESSION 9: FUTURE PERSPECTIVES

- 09:00 **The Future of the Digital Humanities**  
Prof. Dr. Matthew Wilkens, Notre Dame
- 11:00 **Big Data Workshop**  
N.N.
- 13:45 **Data Visualization and Analytics for the Humanities**  
Dr. Janneke van der Zwaan, Amsterdam
- 14:45 **Research Infrastructure for the Digital Humanities: CLARIN and DARIAH**  
Prof. Dr. Andreas Witt, Mannheim
- 15:30 **“Digital Humanities” in Heidelberg**  
Dr. Armin Volkmann, Heidelberg
- 16:15 **Farewell**