

The Digital Humanities Lab (DHLab) is an inter-institutional research group connecting digital humanities research across the three institutes of the KNAW Humanities Cluster. The lab is focused on advancing humanities research through digital methods for which they bring together expertise from humanities, computational linguistics, social science and semantic web. Since its inception, DHLab has worked on automatically extracting information from text archives, improving historical image classification, and mapping online debates using language and Semantic web technology, and network analysis.

## Team

- Dr. Marieke van Erp (Head of DHLab) (Publications) – *Cultural AI, Language Technology, Semantic Web*  
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- Ryan Brate – *Cultural AI, Semantic Web, Natural Language Processing*
- Elli Bleeker – *Literary Text Modeling, Digital Scholarly Editing, Automated Collation, Textual Scholarship, Markup, Ontologies for Text and Semantic Markup*
- Folgert Karsdorp – *Cultural Evolution, Folklore, Complexity Theory, Bayesian Statistics, Computational Humanities Research*
- Joris van Zundert – *Text and Meaning Modeling, Narrative Modeling, Automatic Inference, Stylometrics*
- Marijn Koolen – *Information Retrieval, Recommender Systems, Digital History, Digital Literary Studies, Methodology, Data Science*
- Ronald Haentjes Dekker – *Textual Variation, Witness Collation, Document Modelling, Formal Languages such as Markup Languages, Knowledge Representation, Markup Semantics, Ontologies, Machine Learning*
- Andrea Peverelli – *Computational Literary Studies, Stylometry, NLP for Classical Languages*
- Rik Hoekstra – *Digital Historian*
- Vera Provatorova – *Natural Language Processing, AI, Information Extraction, postdoc TRIFECTA project*
- Jiaqi Zhu – *PhD student TRIFECTA project*