

## COMPUTATIONAL TEXT ANALYSIS AND HISTORICAL CHANGE

September 4–6, 2019

Humlab, Umeå University

### WEDNESDAY SEPTEMBER 4

**12.00 Lunch**

**13.00 Welcome!**

**13.15 Keynote I: Jo Guldi** (Southern Methodist University, Dallas, USA): "Historical Change in Parliamentary Discourse: Concept, Event and Attention at Different Temporal Scales"

**14:15 Session 1**  
**Pelle Snickars** (Umeå University, Swe): "Welfare State Analytics"

**Hanna Walser** (Harvard University, USA): "The Syntax of Stereotyping: Text Mining for Race in Nineteenth-Century American Fiction"

**15:15 Coffee**

**15:45–16.15 Keynote II: David Mimno** (Cornell University, USA): "Robustness and Reliability for Computational Semantic Models"

**18:30 Dinner at Köksbaren** (<https://koksbaren.com/>)

### THURSDAY SEPTEMBER 5

**9.00 Keynote III: Patricia Murrieta Flores** (Lancaster University, GB): "The Future of the Past: Developing AI and Big Data for the Study of 16th Century Colonial Latin American Sources"

**10.00 Coffee**

**10:30–12 Session 3**  
**Simon Lindgren** (Umeå University, Swe): "Word Embeddings as Critical Discourse Analysis: A case for Interpretive Social Theory in the Age of Machine Learning"

**Arianna Ciula** (King’s College, GB): “The Place of Models and Modelling in Digital Humanities: Some Reflections from a Research Software Engineering Perspective”

**Alexander Gil Fuentes** (Columbia University, USA): “What We Could Have Told You: Statistical Analysis of Text and the Ends of Narrative”

**12.00 Lunch**

**13.00 Keynote IV: Mikko Tolonen** (University of Helsinki, Fin): “Helsinki Computational History Group & Data Driven Approach in Humanities”

**14:30–16 Session 4**

**Karina van Dalen-Oskam** (University of Amsterdam/Huygens ING, NL): “Perceptions of Literariness and Societal Change: The Riddle of Literary Quality”

**Paul Nulty** (University College Dublin, Ire): “Exploring Contested Concepts with Interactive Semantic Networks”

**Sara Tonelli** (Bruno Kessler Foundation, Ita): “Event Detection in Historical Documents”

**18.00 Dinner at Rex** (<https://www.rexumea.com/>)

**FRIDAY SEPTEMBER 6**

**10.00 Session 5**

**Melvin Wevers** (The KNAW Humanities Cluster, NL): “Signals and Noise: Extracting Patterns of Cultural Expression from Digitized Newspapers”

**Kristoffer Laigaard Nielbo** (Aarhus University, Dk): “Affective Dynamics in Textual Cultural Heritage”

**11.00 Keynote V: Sara Allison** (Loyola University of New Orleans, USA): “Radical Transformations and Modest Claims”

**12.00 Lunch and good bye**

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