

Workshop: Machine Learning and Big Data in Economic History

Selected papers for a forthcoming special issue of the [Economic History Yearbook](#)

Lecture hall HS 36 · Building 04.45 (Kavaliershaus 1) · Fruwirthstr. 47 · Ground floor

Day 1 – Wednesday, 11 February

12:15–13:00 *Arrival and coffee*

13:00–13:15 **Welcome and introduction**

Author(s): Felix Selgert; Sibylle Lehmann-Hasemeyer

13:15–14:00 **Patents of Limited Companies in the German Empire**

Author(s): Niclas Griesshaber

Discussant: Sibylle Lehmann-Hasemeyer/ Felix Selgert

14:00–14:45 **Qualitative Big Data, Relational Databases, and Machine Learning in Economic History**

Author(s): Erik Lakomaa

Discussant: Timur Öztürk

14:45–15:15 *Coffee break*

15:15–16:00 **Reproducible and Agentic LLM Workflows in Historical Data Extraction: Insights from Nobility Data in Degener's *Wer ist's?* (1911)**

Author(s): Timur Öztürk

Discussant: Gavin Greif

16:00–16:45 **City Directories as a Source in Economic History: Origins, Limitations, and Methodologies**

Author(s): Gavin Greif

Discussant: David Knauss

16:45–17:00 *Coffee break*

17:00–17:45 **You Have No Class! Large Language Model Classification of Nineteenth-Century Patents in Sweden, 1819–1914**

Author(s): Yunting Xie

Discussant: Niclas Griesshaber

17:45–18:30 **“The Brandy Will Yield Throughout the Year 75”: Using LLMs for the Annotation of Futurity in a Seventeenth-Century Dutch Merchant Correspondence**

Author(s): Jeron Puttevils (via Zoom)

Discussant: Yunting Xie

18:30–19:30 *Break (hotel check-in at [Christkönigshaus](#))*

19:30 *Workshop dinner ([Wirtshaus Garbe](#))*

Day 2 – Thursday, 12 February

09:00–09:45 **Banking Crises or Crises of Banks? An Empirical Case Study of Italian Systemic Fragility in 1907 and 1921**

Author(s): Michelle Calabria (via Zoom)

Discussant: Aristeidis Grivokostopoulos

09:45–10:30 **Made in Greece or Echoed from Europe? Tracking Sentiment and Awareness among International Partners during the 1931–32 Greek Sovereign Debt Crisis**

Author(s): Aristeidis Grivokostopoulos

Discussant: Erik Lakomaa

10:30–11:00 **Wrap-up and next steps**

Author(s): Felix Selgert; Sibylle Lehmann-Hasemeyer

11:30–12:30 *Lunch ([Denkbar](#))*