

ADVANCED METHODS WORKSHOP

ENS DE LYON, MAY 21-22, 2024

The workshop will take place in hybrid mode, both on Zoom and in Bâtiment Buisson, ENS, 15 parvis Descartes, 69007 Lyon, France. All times are CET (UTC+1).

May 21, 2024

12.15 **Lunch** (Room D8.004)

Session 1: Automated Document Digitization (Room D8.001)

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| 13.30 | Aurelius Noble
(LSE) | <i>From Records to Riches: An Automated Pipeline for Digitising French Tax Records (1790-1870)</i> |
| 14.15 | Robert Stelter
(Univ. Basel) | <i>Data Retrieval from Local Heritage Books: Is AI the Solution?</i> |
| 15.00 | Sandra Brée
(CNRS) | <i>POPP. An OCR-Generated Database of the Population Censuses of Paris (1926-1936)</i> |
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15.45 **Coffee Break** (D8.004)

Session 2: Art and Machine Learning (Room D8.001)

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| 16.15 | Peter Egger
(ETH Zurich) | <i>Innovation Superstars and their Followers</i> |
| 17.00 | Clément Gorin
(Pantheon-Sorbonne) | <i>State of the Art: Economic Development through the Lens of Paintings</i> |
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May 22, 2024

Session 3: Text as Data (Room D8.001)

- 8.45 Sophie Hatte
(ENS de Lyon) TBA on social media data
- 9.30 Max Posch
(Univ. Exeter) *Cultural Change: Evidence from Three Centuries of U.S. Local Newspapers*
- 10.15 Philine Widmer
(ETH Zurich) *Generalized Topic Models*
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11.00 **Coffee Break** (D8.004)

Session 4: Linking and Treatment of Large Datasets (Room D8.001)

- 11.30 Hillary Vipond
(LSE) *Multi-Model Specification Assessment of Error Rates in Census Linking*
- 12.15 Christian Vedel
(SDU Odense) *Breaking the HISCO Barrier: AI and Automatic Occupational Data Standardization*
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13.00 **Lunch** (D8.004)

This event is organized by Joseph Enguehard thanks to the support of the following institutions: the École normale supérieure de Lyon (Collider "Junior Lab" Grant), the Center for Economic Research on Governance, Inequality and Conflict, the IXXI Complex Systems Institute, and the Auvergne-Rhône-Alpes Region (pending). Contact: joseph.inguehard@ens-lyon.fr

