

# Advanced Methods Workshop

## Tentative Program

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

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

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

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|-------|---------------------------------|--|
| 13.30 | Aurelius Noble<br>(LSE)         | <i>From Records to Riches: An Automated Pipeline for Digitising French Tax Records (1790-1870)</i> |
| 14.15 | Robert Stelter<br>(Univ. Basel) | <i>Data Retrieval from Local Heritage Books: Is AI the Solution?</i>                               |
| 15.00 | Sandra Brée<br>(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)

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

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

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**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)

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**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)

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