

Program

Workshop on the Economics of Artificial Intelligence and Data

Artificial Intelligence (AI) technologies and big data are currently receiving a lot of attention from both policymakers and firms. In contrast, there is relatively little academic work by economists on these topics. This workshop aims at bringing together academics, policymakers and industry representatives to discuss economic issues related to AI and data.

Brussels, May 6 & 7, 2019

European Commission

Organized by **Nestor Duch-Brown** (Joint Research Centre of the European Commission) and **Yassine Lefouili** (Toulouse School of Economics)

Workshop venue

European Commission
Charlemagne Building
170, rue de la Loi – 1049 Brussels
[Workshop website](#)

Conference Secretariat

Karla Negrete
karla.negrete@tse-fr.eu



DAY 1: MONDAY 6, 2019

Lord Jenkins room

Keynote lectures: 40 minutes for speakers, 10 minutes for questions/discussion

Round Tables: 10 minutes for each speaker, 30 minutes for questions/discussion

12.00 – 13.30 **BUFFET LUNCH**

13.30 – 15:30

Session 1: Economics of Artificial Intelligence

Chair: Nestor Duch-Brown (JRC - European Commission)





Keynote lecture: Avi Goldfarb (University of Toronto)

The Economic Policy Challenges of AI

Round table

Moderator: Avi Goldfarb (University of Toronto)

Speakers:

-  Adam Bonnifield (Airbus)
-  Justin Johnson (Cornell University)
-  Thomas Roca (Microsoft)
-  Martin Ulbrich (European Commission)

15:30 - 16:00 **COFFEE BREAK**

16.00 – 18:00

Session 2: Economics of Data

Chair: Bertin Martens (JRC- European Commission)

Keynote lecture: Jacques Crémer (TSE)

Data in Competition Policy

Round table

Moderator: Jacques Crémer (TSE)

Speakers:

-  Luisa Rossi (Orange)
-  Paul Belleflamme (University of Louvain)
-  Hal Varian (Google)
-  Federico Milani (European Commission)

DAY 2 : TUESDAY 7 MAY, 2019

Sicco Mansholt room

45 min per paper: 30 min for speakers, 10 min for discussants, 5 min for questions
45 min for the keynote lecture: 35 min for the speaker + 10 min for questions/discussion

SESSION 1: Competition Policy

Chair: Christian Peukert (Catolica Lisboa Business School)

- 08.30 – 09.15 **Giacomo Calzolari** (European University Institute and CEPR), Emilio Calvano (University of Bologna), Vincenzo Denicolo (University of Bologna & CEPR)
Artificial Intelligence, Algorithmic Pricing and Collusion
Discussant: Andrew Rhodes (TSE)
- 09.15 – 10.00 **Alexandre de Cornière** (TSE), Greg Taylor (University of Oxford)
Data-Driven Mergers
Discussant: Jehanne Richet (French Competition Authority)
- 10:00 - 10:30 **COFFEE BREAK**

SESSION 2: Value and use of data

Chair: Doh-Shin Jeon (TSE)

- 10.30 – 11.15 **Roxana MIHET** (University of New-York), Mariam Farboodi (MIT Sloan School of Management), Thomas Philippon (University of New-York & Stern School of Business), Laura Veldkamp (Columbia Business School).
Big Data and Firm Dynamics
Discussant: Bruno Jullien (TSE)
- 11.15 – 12.00 **Geza Sapi** (DG COMP - European Commission), Irina Baye (Düsseldorf Institute for Competition Economics & Heinrich Heine University of Düsseldorf), Tim Reiz (Düsseldorf Institute for Competition Economics & Heinrich Heine University of Düsseldorf).
Customer Recognition and Mobile Geo-Targeting
Discussant: Alex Smolin (University of Bonn)
- 12.00 – 12.45 **Wilfried Sand-Zatman** (TSE), Anastasios Dosis (ESSEC Business School)
The Ownership of Data
Discussant: Bertin Martens (Joint Research Center of the European Commission)

12.45 – 14.00 **LUNCH**

14.00 – 14.45

KEYNOTE LECTURE

Chair: Wilfried Sand-Zantman (TSE)

Hal Varian (Google)

Automation v Procreation: Bots vs Tots

SESSION 3: Advertising and recommendation algorithms

Chair: Yassine Lefouili (TSE)

14.45 – 15.30

Ananya Sen (MIT), Joerg Claussen (LMU Munich), Christian Peukert
(Catolica Lisboa Business School)

Man versus Machine: Targeting, Data and Externalities in Online News

Discussant: Lorien Sabatino (Politechnic University of Turin)

15.30 – 16.15

Grazia Cecere (Institut Mines Telecom Business), Clara Jean (University of
Paris Saclay & EPITECH), Matthieu Manant (University of Paris Sud),
Catherine Tucker (MIT Sloan School of Management)

Computers Algorithms Prefer Headless Women

Discussant: Timo Klein (University of Amsterdam)

16.15 – 17.00

CLOSING COCKTAIL