

October 26-27, 2023

University Paris Nanterre

« **Competing with Algorithms and Data:
market outcomes and regulatory issues** »

Program:

Thursday, October 26

10h30 – welcome & coffee

11h – Session 1: Ratings and Recommendations

Chair: Jean-Marc Zogheib (EconomiX & U. Paris Nanterre)

Michelangelo Rossi (Telecom ParisTech):

"The Good, The Bad and The Picky: User Heterogeneity and the Reversal of Product Ratings" (joint with Tommaso Bondi and Ryan Stevens)

Thomas Le Texier (CREM-CNRS & University of Rennes):

"Platform competition with investment in recommendation systems to deter entry" (joint with Vincent Malardé and Zhiwen Li)

12h30 – lunch

14h – Session 2: Pricing Algorithms

Chair: Eric Darmon (EconomiX & U. Paris Nanterre)

Arnoud den Boer (University of Amsterdam):

"When is a data-driven price algorithm truly collusive? And do such algorithms exist?"

Maximilian Schäfer (Institut Mines-Télécom Business School, Paris):

"Algorithms in the Wild: Experimental Evidence from an Online Marketplace" (joint with Vito Stefano Bramante, Emilio Calvano, and Giacomo Calzolari)

15h30 – coffee break

16h – round table/panel discussion: Policy Challenges - Algorithms and Data

Chair: **Tobias Kretschmer** (U. Ludwig Maximilian, Munich)

Yann Guthmann (Head of Digital Economy Unit, Autorité de la Concurrence, Paris)

Nicolas Deffieux (Director PEReN, Paris)

Paulo Burnier da Silveira (Senior Competition Expert, OECD/DAF Comp, Paris)

Jakob Rueggeberg (Partner - Cartel Damage Claims, Bruxelles)

Friday, October 27

9h30 – Session 3: Young scholars

Chair: Axel Gautier (LCII & University of Liège)

Tobias Werner (Max Planck Institute for Human Development, Berlin):

“Algorithmic and Human Collusion”

Nanxi Li (EconomiX-CNRS & University Paris Nanterre):

“Which Liability Laws for Artificial Intelligence?” (joint with Eric Langlais)

11h – coffee break

11h30 – Session 4: Reinforcement learning

Chair: Andreea Cosnita (EconomiX & U. Paris Nanterre)

Ashwin Ittoo (LCII & University of Liège):

“Deep Reinforcement Learning & Algorithmic Collusion: Effect of Experience & Rewards”

Ibrahim Abada (Grenoble Ecole de Management):

“AI and antitrust, insights from Reinforcement Learning”

13h – lunch

Venue

Campus of U. Paris Nanterre, Max Weber building

Campus map [here](#)

See also <https://university.parisnanterre.fr/how-to-get-to-our-university>

Info & Registration (free but mandatory, due to limited number of places for non-presenting participants):

[Andreea Cosnita](#) (EconomiX & U. Paris Nanterre)

[Eric Darmon](#) (EconomiX & U. Paris Nanterre)

[Axel Gautier](#) (LCII & U. Liège)

[Jean-Marc Zogheib](#) (EconomiX & U. Paris Nanterre)
