13th EDITION

DIGITAL ECONOMICS CONFERENCE

TOULOUSE
JANUARY 9-10 2020

The digital economy and its consequences for modern societies. Theoretical, econometric, experimental and policy-oriented research

Venue:
Centre de Congrès Pierre Baudis
11, Esplanade Compans Caffarelli
31000 Toulouse, France

Contact:
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TSE Digital Center

IAST

erc
European Research Council

CEPR Centre for Economic Policy Research
Research Excellence, Policy Relevance

Thursday, January 9, 2020

| 8:30 | **Registration and welcome coffee** | |

| 9:00 – 10:00 | **SUZANNE SCOTCHMER MEMORIAL LECTURE** | ➢ *Ariane 1* |

Chair: Paul SEABRIGHT (TSE and IAST)

Judith CHEVALIER (Yale School of Management)
Flexibility and Gig Work on Digital Platforms

| 10:00 – 10:30 | **Coffee break** | |

| 10:30 – 12:30 | **PARALLEL SESSION 1A** | ➢ *Ariane 1* |

Jay Pil CHOI (Michigan State University) and Doh Shin JEON (TSE)
Two-Sided Platforms and Biases in Technology Adoption
Discussant: **Greg TAYLOR** (Oxford University)

Özlem BEDRE DEFOLIE (ESMT Berlin and CEPR) and Simon ANDERSON (University of Virginia)
Optimal Variety and Pricing of a Trade Platform
Discussant: **Axel GAUTIER** (Université de Liège)

Gary BIGLAISER (University of North Carolina), Jacques Cremer (TSE) and André Veiga (Imperial College London)
Migration Between Platforms
Discussant: **Yaron YEHEZKEL** (Tel-Aviv University)

| 10:30 – 12:30 | **PARALLEL SESSION 1B** | ➢ *Ariane 2* |

Ruben DURANTE (ICREA, UPF, IPEG, BGSE) and Milena DJOURELOVA (UPF, BGSE, IPEG)
Online Competition, Newspaper Quality, and Political Accountability: Evidence from the Introduction of Craigslist
Discussant: **Claire LIM** (Queen Mary University of London)

Zhenqi (Jessie) LIU (University of Pennsylvania)
Impact of Market Structure on Regulatory Enforcement: Evidence from Online Censorship in China
Discussant: **Mathias REYNAERT** (TSE)

Lena EDLUND (Columbia University) and Cecilia MACHADO (Getulio Vargas Foundation)
It's the Phone Stupid: Mobiles and Murder
Discussant: **Sarit WEISBRUD** (Tel Aviv University)

| 12:30 – 13:30 | **Lunch** | |

13:30 – 14:50   **PARALLEL SESSION 2A**   ➤ *Ariane 1*

Anna SANKTJOHANSER (Yale University & TSE) and Johannes HORNER (Yale University, CNRS and TSE)
Too much of a Good Thing? The dynamics of Trust and Loyalty
Discussant: **Marta TROYA-MARTINEZ** (New Economic School)

Hugo HOPENHAYN (UCLA) and Maryam SAEEDI (Tepper, CMU)
Optimal Quality Ratings and Market Outcomes
Discussant: **Juan José GANUZA** (Universitat Pompeu Fabra)

13:30 – 14:50   **PARALLEL SESSION 2B**   ➤ *Ariane 2*

Alexander MACKAY (Harvard University) and Zach Y. BROWN (University of Michigan)
Competition in Pricing Algorithms
Discussant: **Giacomo CALZOLARI** (European University Institute)

Hannes ULLRICH (DIW Berlin and University of Copenhagen) and Michael A. RIBERS (DIW Berlin and University of Copenhagen)
Battling Antibiotic Resistance: Can Machine Learning Improve Prescribing?
Discussant: **Daniel ERSHOV** (TSE)

14:50 – 15:20   **Coffee break**

15:20 – 16:40   **PARALLEL SESSION 3A**   ➤ *Ariane 1*

Andrei HAGIU (Boston University) and Julian WRIGHT (National University of Singapore)
Data-enabled Learning and Competitive Advantage
Discussant: **Bruno JULLIEN** (TSE)

Andres HERVAS-DRANE (Cass Business School) and Sandro SHELEGIA (Universitat Pompeu Fabra)
Retailer-led Marketplaces
Discussant: **Alexander WHITE** (Tsinghua University)

15:20 – 16:40   **PARALLEL SESSION 3B**   ➤ *Ariane 2*

Xu ZHANG (London Business School), Puneet MANCHANDA (University of Michigan) and Junhong CHU (National University of Singapore)
'Meet Me Halfway': The Value of Bargaining
Discussant: **Lachlan DEER** (University of Chicago, Booth School of Business)

Francesco DECAROLIS (Bocconi University), Andrea CHIANTELLO (Bocconi University), Maris GOLDMANIS (University of London) and Antonio PENTA (ICREA-UPF, Barcelona GSE and TSE Digital Center)
Measuring Complementarities in Vertical Markets: Evidence from the Digital Advertising Industry
Discussant: **Nathan MILLER** (Georgetown University McDonough School of Business)

16:40 – 17:00   **Refreshments**

17:00 – 18:15	**ROUND TABLE: The regulations of the digital economy**	➢ *Ariane 1*

Chair: Jacques CREMER (TSE)

- Diane COYLE (Bennett Professor of Public Policy, University of Cambridge)
- Gregory CRAWFORD (University of Zurich)
- Sébastien SORIANO (President, ARCEP)
- Hal VARIAN (Chief Economist, Google)

20:00	**Dinner** (upon invitation)

Friday, January 10, 2020

8:45 – 9:00	**Welcome coffee**

9:00 – 9:40	**KEY NOTE LECTURE**	➢ *Ariane 1*

Jean TIROLE (TSE)
Digital Dystopia

9:40 – 11:00	**PARALLEL SESSION 4A**	➢ *Ariane 2*

Tarik ROUKNY (KU Leuven), Christoph AYMANNS (University of St. Gallen) and Mathias DEWATRIPONT (Université Libre de Bruxelles)
Vertically Disintegrated Platforms
Discussant: **Yossi SPIEGEL** (Tel Aviv University)

Freek VAN GILS (Tilburg University), Wieland MULLER (CentER, TILEC, Tilburg University) and Jens PRUFER (University of Vienna)
Big Data and Democracy
Discussant: **Mikhail DRUGOV** (New Economic School)

9:40 – 11:00	**PARALLEL SESSION 4B**	➢ *Ariane 1*

Liudmila ALEKSEEVA (IESE Business School), Jose AZAR (IESE), Mireia GINE (IESE, UPenn), Sampsa SAMILA (IESE), Bledi TASKA (Burning Glass Technologies)
The Demand for AI Skills in the Labor Market
Discussant: **Paul SEABRIGHT** (TSE and IAST)

Haikun ZHU (Erasmus School of Economics), Fabio BRAGGION (Tilburg University), Alberto MANCONI (Università Bocconi) and Nicola PAVANINI (Tilburg University)
Fintech and the Value of Financial Disintermediation
Discussant: **Lei XU** (Bank of Canada)

11:00 – 11:30	**Coffee break**

11:30 – 12:50	**PARALLEL SESSION 5A**	➢ *Ariane 2*

Massimo MOTTA (ICREA-Universitat Pompeu Fabra and Barcelona GSE), Chiara FUMAGALLI (Università Bocconi) and Emanuele TARANTINO (University of Mannheim and MaCCI)
Shelving or developing? Acquisition of Potential Competitors
Discussant: **Thomas TREGOUET** (Université de Cergy)

Sandro SHELEGIA (Universitat Pompeu Fabra) and **Massimo MOTTA** (ICREA-Universitat Pompeu Fabra and Barcelona GSE)
« Kill Zone »? Copying and Refusal of Interoperability to Exclude Competitors
Discussant: **Stefan BEHRINGER** (Universität Duisburg-Essen)

11:30 – 12:50　　　**PARALLEL SESSION 5B**　　　　　　　　　　➤ *Ariane 1*

Andrey FRADKIN (Boston University), **Chiara FARRONATO** (Harvard Business School and NBER) and **Jessica FONG** (University of Michigan)
Dog Eat Dog: Measuring Returns to Scale Using a Digital Platform Merger
Discussant: **Tobi KLEIN** (Tilburg University)

Miguel GODINHO DE MATOS (Catolica Lisbon School of Business and Economics) and **Idris ADJERID** (Virginia Tech)
Consumer Consent and Firm Targeting after GDPR: The Case of a Large Telecom Provider
Discussant: **Marit HINNOSAAR** (Collegio Carlo Alberto)

12:50 – 13:50　　　**Lunch**

13:50 – 15:10　　　**PARALLEL SESSION 6A**　　　　　　　　　　➤ *Ariane 2*

Shota ICHIHASHI (Bank of Canada)
Non-competing Data Intermediaries
Discussant: **Antoine DUBUS** (Université Libre de Bruxelles)

Simon ANDERSON (University of Virginia), Nathan LARSON and Amparo URBANO
Ducking Data Collection
Discussant: **Wilfried SAND-ZANTMAN** (TSE)

13:50 – 15:10　　　**PARALLEL SESSION 6B**　　　　　　　　　　➤ *Ariane 1*

Andre VEIGA (Imperial College London), **Zach Y. BROWN** (University of Michigan) and **Christopher HANSMAN** (Imperial College London)
Quality Information and Competitive Selection in Health Care
Discussant: **Alon EIZENBERG** (Hebrew University of Jerusalem)

Imke REIMERS (Northeastern University) and **Joel WALDFOGEL** (University of Minnesota, NBER, and ZEW)
Digitization and Product Discovery: The Causal and Welfare Impacts of Reviews and Crowd Ratings
Discussant: **Maria-Ana VITORINO** (INSEAD)

15:10 – 15:40　　　**Coffee break**

15:40 – 16:40　　　**KEY NOTE LECTURE**　　　　　　　　　　➤ *Ariane 1*
Chair: Stephen MAURER (University of California Berkeley)

Erik BRYNJOLFSSON (MIT Sloan School of Management)
What Can Machine Learning Do? Implications for Tasks, Occupations, Industries and the Economy