

LEONARDO MADIO

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CURRENT AND PAST EMPLOYMENT

University of Padova, Research Fellow Department of Economics and Management, University of Padova <i>Foscolo Europe - Unicredit & Universities Foundation grant-holder.</i>	mid-Oct 2020 - Present
Toulouse School of Economics, Postdoctoral Researcher Toulouse School of Economics, Université Toulouse 1 Capitole <i>Funded by the ERC Grant (No. 670494), prof. Bruno Jullien.</i>	Dec 2019 - mid-Oct 2020
Université catholique de Louvain, Postdoctoral Researcher Center of Operations Research and Econometrics, Université catholique de Louvain. <i>Grant awarded by the FSR Move-in Louvain. Host: prof. Paul Belleflamme.</i>	Oct 2018 - Nov 2019
University of York, Associate Lecturer Department of Economics and Related Studies. (April 2018 - Sep 2018) Department of Environment. (Sep 2017 - March 2017)	Sep 2017 - Sep 2018

PROFESSIONAL AFFILIATIONS & OTHER APPOINTMENTS

Toulouse School of Economics, Visiting Associate Professor Maître de conférences invité, Toulouse School of Economics,	February 2023 - March 2023
CESifo Munich, Research Affiliate Economics of Digitization Area Member	Dec 2018 - Present
HEDG, Research Affiliate Health, Econometrics and Data Group, University of York.	Jun 2018 - Present

RESEARCH VISITS

BIS, Bank for International Settlements, Basel	April 2023
TSE, Toulouse School of Economics, Toulouse	February 2023 - March 2023
ESMT, European School of Management and Technology, Berlin <i>Host: Prof. Özlem Bedre-Defolie</i>	Jan 2022 - April 2022
TSE, Toulouse School of Economics, Toulouse <i>Host: Prof. Yassine Lefouili</i>	Multiple times in 2022

RESEARCH INTERESTS

Economics of digitization, industrial organization, competition policy and regulation, public economics

EDUCATION

Ph.D. in Economics, University of York, UK.	2019
M.Sc. in Economics, University of York, UK. <i>Distinction</i>	2014
M.A. in Politics, University of Bari, Italy. <i>110/110 cum laude</i>	2012
B.A in Politics, University of Bari, Italy. <i>110/110 cum laude</i>	2010

PUBLICATIONS

- ☞ **Superstar exclusivity in two-sided markets**
Management Science (Forthcoming). with Elias Carroni (Bologna) and Shiva Shekhar (TISEM Tilburg).
- ☞ **Privacy regulation and quality-enhancing innovation**
Journal of Industrial Economics (Forthcoming). With Yassine Lefouili (Toulouse School of Economics) and Ying Lei Toh (Federal Reserve Bank, Kansas City).
- ☞ **Collusion sustainability with a capacity constrained firm**
Oxford Economic Papers. (Forthcoming), with Aldo Pignataro (ARERA).
- ☞ **Who supports liberal policies? A tale of two referendums in Italy**
Economics Letters, with Francesco Principe (Bergamo). 2023
- ☞ **The economics of platform liability'**
European Journal of Law & Economics, with Yassine Lefouili (Toulouse School of Economics). 2022
- ☞ **Data brokers co-opetition**
Oxford Economic Papers, with Yiquan Gu (Henley Business School) and Carlo Reggiani (JRC Digital Economy). 2022.
- ☞ **Do-it-Yourself medicine? The impact of (unintended) light cannabis liberalization on prescription drugs in Italy**
Journal of Health Economics, with Vincenzo Carrieri (Magna Grecia University) and Francesco Principe (Bergamo). 2020.
- ☞ **Light cannabis and organized crime. Evidence from (unintended) liberalization in Italy**
European Economic Review, with Vincenzo Carrieri (Magna Grecia University) and Francesco Principe (Bergamo). 2019.
- ☞ **Vaccine hesitancy and (fake) news: Quasi-experimental evidence from Italy**
Health Economics, with Vincenzo Carrieri (Magna Grecia University) and Francesco Principe (Bergamo). 2019.
- ☞ **Intra- and inter-regional commuting: assessing the role of wage differentials**
Papers in Regional Science, with Angela S. Bergantino (Bari) 2019.
- ☞ **Intermodal competition and substitution. HSR versus air transport: understanding the socio-economic determinants of modal choice**
Research in Transportation Economics, with Angela S. Bergantino (Bari) 2020.

WORKING PAPERS / PAPERS UNDER REVIEW

- ☞ **Exclusive data, price manipulation, and market leadership**
with Yiquan Gu (Henley Business School) and Carlo Reggiani (JRC Digital Economy). [*R&R Information System Research (CABS: 4*)*]. CESifo Working Paper No. 7853/2019. CESifo Featured Article, November 2019.
- ☞ **Platform liability and innovation**
with Doh-Shin Jeon (Toulouse School of Economics) and Yassine Lefouili (Toulouse School of Economics). [*Submitted*]. TSE Working Paper - September 2022. [funded by the NET Institute Summer Grant 2021].
- ☞ **Content moderation and advertising in social media platforms**
with Martin Quinn (Rotterdam School of Management). [*Submitted*]. 8th Giorgio Rota Best Paper Award for Young Researchers by Centro Einaudi.
- ☞ **Platform lending and innovation**
with Leonardo Gambacorta (Bank for International Settlements) and Bruno M. Parigi (Padova) BIS (Bank for International Settlements) Research Fellowship.
- ☞ **Promotion ban and heterogeneity in retail prices during The Great Lockdown**
with Jean Hindriks (UCLouvain) and Valerio Serse (Compass Lexecon) CESifo Working Paper No. 9074, May 2021.
- ☞ **Competition for prominence**
Fabrizio Ciotti (UCLouvain)

WORK IN PROGRESS

Design and governance of quality on a digital platform
with Özlem Bedre-Defolie (ESMT Berlin) and Bjørn Olav Johansen (Bergen).

Deceptive features and hidden prices: the case of Airbnb cleaning fees
with Michelangelo Rossi (Telecom Paris), Kevin Tran (Bristol), and Mark Tremblay (Miami University).

Welfare effects of healthcare platforms

with Chiara Canta (Toulouse Business School), Andrea Mantovani (Toulouse Business School), and Carlo Reggiani (JRC Digital Economy).

Platform duality and network externalities

with Axel Gautier (Liège) and Shiva Shekhar (Tilburg School of Economics and Management)

POLICY REPORT

Liability rules for online intermediaries: An economic analysis.

with Yassine Lefouili (TSE). Report commissioned by the European Commission - JRC Research on Digital Economy, 2020.

GRANTS

BIS (Bank for International Settlements) Research Fellowship. - Project "Platform lending"	2022-2023
NET Institute Summer Grant. - Project "Platform liability and innovation"	2021
Agence Nationale de la Recherche - France - Project "Telemedicine and precision medicine: the role of data in healthcare innovation" (P.I.: Anna D'Annunzio, Toulouse Business School)	2021 - 2025
FSR Incoming Post-doc fellowship at UCLouvain (€58,000). - Project "The cost of hiding: content quality, social welfare and privacy concerns" (18 months) (P.I.: Leonardo Madio. Host: Paul Belleflamme)	2018 - 2020
Scottish Economic Society (SES) - Small Grants Scheme (£750). - Project "Light cannabis and organized crime"	2018
Ellis Hunter Teaching Scholarships (£1,500).	2017
ESRC 3-year Doctoral Grant. (£64,000 including stipend + Tuition Fee & Research Funding).	2014 - 2017
ESRC Research Student Training Grant Top-Up.	2017

HONORS & AWARDS

UNICREDIT <i>Foscolo Europe</i> Fellowship @ University of Padova from October, 2020	2020 - 2024
8th <i>Giorgio Rota Best Paper</i> Award for Young Researchers by Centro Einaudi (€1,500)	2020
Visiting Professor Grant - University of Sassari.	2019
<i>Sir Alex Cairncross Prize</i> for the best paper presented at the Scottish Economic Society Conference (£500).	2017

INVITED SEMINARS

- 2023** University of Pavia, University of Verona, Luohan Academy, University of Bologna (Brown bag), Bari (scheduled).
- 2022** Universitat de Barcelona, ESMT Berlin, Economics of Platforms Seminar (online), Hitotsubashi University, Bank of International Settlements.
- 2021** Economics of Platforms Seminar (online), Free University of Bozen-Bolzano, Toulouse Business School.
- 2020** Vienna University of Economics and Business, University of Padova, ESMT Berlin, Bank of Italy (Rome), DICE (Düsseldorf), ZEW (Mannheim), Tor Vergata (Rome), Paris-Saclay, MaCCI/EPoS Virtual IO Seminar, TSE Digital Workshop.
- 2019** Liverpool Management School, University of Sassari, DICE Brown Bag (Düsseldorf), Télécom Paris - Institut Polytechnique de Paris, UK OFCOM (London), UK Competition and Market Authority (London).
- 2018** University of Bari, HEC Liège, University of Salerno, ASTEI Summer School (University of Bari).

CONFERENCES AND WORKSHOPS

- 2023** TSE Digital Conference (**Toulouse**), Paris Digital Conference (**Paris**).
- 2022** MACCI Annual Conference (**Mannheim**), Paris Digital Conference (**Paris**), NERI Workshop (**Genoa**), Berkeley-Padova-Paris Workshop on Organizational Economics (**Padova**); SIEPI (Invited, **L'Aquila**); 4CES European Study Conference (**Milan**); IBEO - Workshop on Institutions, Individual Behaviour and Economic Outcomes (**Alghero**).
- 2021** TSE Digital Conference (**Toulouse**, online); MACCI Annual Conference (**Mannheim**, online), IIOC (online), Trento Workshop on Information Economics - TWINE (Trento, online), OLIGO (Maastricht, online), SMYE (**Bologna**, online), EARIE (Bergen, online), CESifo Economics of Digitization Conference (Munich, online), Italian Law & Econ Conference (**Trento**), 10th EIEF-IGIER-UNIBO IO Workshop (**Bologna**).
- 2020** SIEP - Italian Public Economics Association (online); CCP Annual Conference (online); CESifo Economics of Digitization Conference (online).
- 2019** TSE Digital Conference (**Toulouse**); SIEPI - Italian Society for Industrial Economics and Policy (**Rome Tre**); NERI - Networks on the Economics of Regulation and Institutions (**Catholica Rome**); FSR Annual Scientific Seminar on Media and the Digital Economy (**EUI Florence**); IIOC (**Boston**); SMYE (**Brussels**); Conference on Auctions, Competition, Regulation, and Public Policy (**Lancaster**); OLIGO (**Nottingham**); CEPR/JIE School on Applied Industrial Organisation (**Madrid**); ZEW/ICT (**Mannheim**); EARIE (**Barcelona**); Bozen Workshop in Empirical Microeconomics (**Bozen**); CESifo Economics of Digitization Conference (**Munich**).
- 2018** Workshop in Industrial and Political Economics (**Reus**); Industrial Organization in the Digital Economy (**Liège**); Workshop on the Economics of Digitization (**Telecom Paris**); IBEO - Workshop on Institutions, Individual Behaviour and Economic Outcomes (**Alghero**); EARIE (**Athens**); AIES - Italian Association of Health Economics (**Naples**); SIE - Italian Economic Association (**Bologna**); CESifo Economics of Digitization Conference (**Munich**).
- 2017** SAEe - Spanish Economic Association (**Barcelona**); EARIE (**Maastricht**); EEA/ESEM (**Lisbon**); Digital Economics Summer Programme (**Telecom Paris**); IBEO - Workshop on Institutions, Individual Behaviour and Economic Outcomes (**Alghero**), OLIGO (**Moscow**); Scottish Economic Society (**Perth**); Industrial Organization in the Digital Economy (**Liège**).
- 2016** BiGSem Workshop in Economic Theory (**Bielefeld**); Economics PhD Conference (**Leicester**); Network of Industrial Economists Doctoral Colloquium (**Nottingham**); RES Symposium of Junior Researchers (**Brighton**); White Rose Doctoral Conference (**York**); Workshop of Industrial and Public Economics (**Reus**); Young Economist Meeting (**Brno**); SIEP - Italian Public Economics Association (**Lecce**); SIE - Italian Economic Association (**Milan**); SIET - Italian Association for Research in Transport Economics (**Genoa**); Italian Econometric Association - Workshop in Empirical Economics and Econometrics (**Perugia**).
- 2015** SIET - Italian Association for Research in Transport Economics (**Milan**); ERSa (**Lisbon**).

TEACHING EXPERIENCE

Lecturer

Toulouse School of Economics

- Digital Economics, Master M2 (PG, 15 h)

Winter 2023; Winter 2024

Department of Economics and Management, University of Padova

- EPQ0091698 Competition, Market Power and Antitrust (UG, 42 h)

Fall 2023

- EPP3051653 Industrial Organization and High-Tech Markets (UG, 20 h)

Fall 2022

- EPQ0091698 Competition, Market Power and Antitrust (UG, 20 h)

Fall 2022

- EPQ0091699 Industrial Organization: Markets and Strategies (UG, 42 h)

Fall 2021

Department of Economics and Related Studies, University of York

- Dissertation Supervision (PG).

Summer 2018

Department of Environment, University of York

- Introductory Economics (UG),

Autumn 2017 - Summer 2018

- Applied Environmental Economics (PG).

Spring 2017

Teaching Scholar (Attività didattica integrativa)

Department of Economics and Management, University of Padova

- Economics of Digital Markets (*Italian*, UG)

Spring 2021; 2022; 2023

Department of Economics and Related Studies, University of York

- Economics 1 (UG).

Autumn 2017

Other Teaching Activities

University of Bari

- Lecturer, Competenze trasversali in "Laboratorio di analisi e valutazione delle politiche pubbliche" (16 h)

Spring 2023

Université Catholique of Louvain

- Guest Lecturer for prof. Jean Hindriks's course (2h)

Spring 2021; 2022; 2023

University of Bergamo

- Guest Lecturer for Dr. Francesco Principe (2h)

Spring 2023

REFEREEING ACTIVITY

Journals: American Economic Journal: Microeconomics, Management Science, RAND Journal of Economics, European Economic Review, International Journal of Industrial Organization, Journal of Industrial Economics, Journal of Policy Analysis and Management, Information Economics and Policy, Review of Industrial Organization, Health Economics, *Economia Politica*/Journal of Analytical and Institutional Economics, Economics Bulletin, IZA Journal of Labor Economics, Journal of Evolutionary Economics, Journal of Industry Competition and Trade, Journal of Regulatory Economics, Journal of Industrial and Business Economics/*Economia e Politica Industriale*, Journal of Institutional and Theoretical Economics, Journal of Business Finance and Accounting, *Review of Network Economics*, The B.E. Journal of Economic Analysis and Policy (BEJEAP), The B.E. Journal of Theoretical Economics (BEJTE), Transportation Research Part A

Conferences: International Conference on Information Systems (2019), SMYE (2017, 2018, 2021).

PROFESSIONAL SERVICE

Conference Co-organizer:

- Digital Economics - Workshop on Institution, Individual Behavior and Economic Outcomes, Alghero. (June 2022; June 2023)

- OLIGO Society Conference, Padova, June 2023.

- Berkeley-Padova-Paris Seventh Workshop on Organizational Economics, Padova, June 2022.

Seminar Co-Organizer:

- jDES, joint Digital Economics Seminars (Louvain, Padova, Paris Online). 2021 - present.

- Louvain and Paris Economics of Digitization Online Seminars. 2021.

- LED, Louvain Economics of Digitization Online Seminars. 2020.

Institutional Role: Member of the *Board of Governors* (Consiglio di Amministrazione), University of Bari, December 2008 - November 2012.

OP-EDs & EXPERT OPINION PIECES

- ☞ Jump-starting network effects. The role of Superstar exclusivity. *Platform Papers*. (with E. Carroni & S. Shekhar). August 14, 2023.
- ☞ Chi sono i firmatari per il referendum su eutanasia e cannabis. *Lavoce.info*. (with F. Principe). February 17, 2022.
- ☞ Piattaforme e regole: la rincorsa continua. *Lavoce.info*. (with E. Iossa). October 22, 2021.
- ☞ Big Tech, affrontare il nodo della responsabilità senza errori o censure: le sfide, *Agenda Digitale*, (with A. Mantovani & C. Reggiani). June 25, 2021.

- ☞ What are the social responsibilities of the dominant digital platforms?, *Economics Observatory*, (with A. Mantovani & C. Reggiani). June 15, 2021.
- ☞ How have digital markets and tech giants fared during the Coronavirus crisis?, *Economics Observatory*, (with A. Mantovani & C. Reggiani). July 17, 2020.
- ☞ Se lo smart working diventa la nuova normalità. *Lavoce.info*, (with A. Mantovani & C. Reggiani). July 14, 2020.
- ☞ Star attraction. Could exclusive deals and vertical mergers in two-sided markets be good for consumers?, *Compass Lexecon - Expert Opinion*. (with E. Carroni & S. Shekhar). January, 2020.
- ☞ Effetto Cannabis Light. *Lavoce.info*, (with V. Carrieri & F. Principe). May 14, 2019.

PROFESSIONAL DEVELOPMENT

- 2017 ZEW-Competition and Innovation Summer School (Olbia); RES Easter School in Empirical IO (U. of Essex).
- 2016 Programming experiments in z-Tree (Bologna).
- 2015 Summer School in Behavioural Game Theory (U. of East Anglia); Summer School in Empirical IO (U. of East Anglia); RES-York Symposium on Game Theory and Mini-Courses; R User Day RUDY IV (U. of York).
- 2014 Dynamic Optimization: Theory and Applications (U. of York).
- 2013 Labour Market, Income Distribution and Inequality: Issues and Methodology (Bank of Italy); SIde Course of Econometrics - Introductory Econometrics and Time Series (Bertinoro); Econometrics of the industry, strategies and decision (U. of Bari); Advanced Course in Innovation, Growth, International Production. Models and data analysis (U. of Rome - Sapienza).

SKILLS

Languages: Italian (native), English (Proficient), French (Basic).

Software & Tools: L^AT_EX, Maple, Mathematica, R, SPSS, STATA, ZTree.

Padova, September 18, 2023