

Doh-Shin JEON
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CURRENT POSITION :

Professor, Toulouse School of Economics, since Sep. 2010

IUF (Institut Universitaire de France) senior member, from October 2022

Member of the CBDC Academic Advisory Group, Bank of England, since 2024

Research Fellow, CEPR, since 2008

Member of the CEPR AI RPN (Research and Policy Network), since 2024

ADDRESS :

Toulouse School of Economics,
1, Esplanade de l'Université
31080 Toulouse Cedex 6
France

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(33 (0)5 6112 8590, Secretary, Marie-Hélène Dufour)

PAST POSITIONS :

Associated Professor, Toulouse School of Economics, Université Toulouse 1
Capitole, Sep. 2008 – Aug. 2010

Associate Professor with tenure, Department of Economics and Business,
Universitat Pompeu Fabra, Sep. 2006 – Aug. 2008

Assistant Professor, Department of Economics and Business,
Universitat Pompeu Fabra, Sep. 2000 – Aug. 2006

PAST STUDIES:

Ph. D. in Economics, 2000, Université Toulouse 1
(Advisor: Jean-Jacques Laffont)
Ecole Nationale de la Statistique et de l'Administration Economique (ENSAE),
Paris, 1996

Master of Economics, Seoul National University, 1991
Bachelor of Economics, Seoul National University, 1989

ACADEMIC EXPERIENCE :

Co-chair of “AI and Market Competition”, Artificial and Natural Intelligence
Toulouse Institute (ANITI), 2020-2023

Professor (under special terms), Department of Economics, Sungkyunkwan
University, Republic of Korea, 2013-16.

Visiting Professor, Department of Economics, Vanderbilt University, July 2015 –
April 2016

Visiting Professor, School of Economics, Georgia Institute of Technology, Jul.-
Aug. 2014

Research Fellow, SP-SP Center, IESE Business School, 2006-10

Visiting Professor, Department of Economics, Korea University, Jul.-Aug. 2006

Visiting Fellow, Department of Economics, Harvard University, Feb.-Sep. 1999

Consultant, the World Bank, 1999

Assistant Researcher, KIEP (Korea Institute for International Economic Policy),
1992

OTHER EXPERIENCE :

Member of the Expert Group for the Observatory on the Online Platform
Economy, the European Commission, Sep. 2018 -2023

RESEARCH INTEREST:

Industrial Organization, Information Technology, Intellectual Property, Economics of
Science

EDITORIAL ACTIVITY:

Associate Editor, Journal of Industrial Economics, since 2013
Editorial Board, Review of Network Economics, since 2016

CLASSES TAUGHT

at Toulouse School of Economics:

Economics of Innovation and Intellectual Property (Master 2, since 2014)
Industry Regulation (Master 2, 2017-2018)
Competition and Market Strategies (Master 2, since 2011), which became
Advanced Industrial Organization since 2018
Topics in Industrial Organization (DEEQA, together with Patrick Rey and Bruno
Jullien, 2011-2017)
Industrial Organization (Master 2, together with Patrick Rey and Stéphane
Caprice, since 2018)
Incentive Theory (Master 1, For 2006-2011)
Microeconomics (Master 1, 2011-2015)
Industrial Organization (Master 1, 2017)
Regulation and Antitrust “Economie Appliquée” (L3, for 2008-2011)

AWARDS:

2013: ANACOM best workshop paper award for the paper “Dominance and
Competitive Bundling” joint with Sjaak Hurkens and Domenico Menicucci

2016: Maekyung-KAEA (Korea America Economic Association) Economist
Award.

GRANTS:

1993-1999 Grant from POSCO (Pohang Steel Company) Society for Advanced
Studies
2003-2008 *Ramon Y Cajal Grant* from the Spanish Ministry of Science and
Technology
2007, 2008: Net Institute Summer Grant
2009: Europlace Finance Institute Grant
2010-13: Grant from ANR
2012: Net Institute Summer Grant
2013: Net Institute Summer Grant
2014: Grant from NRF (Natoinal Research Foundation) of Korea,
Net Institute Summer Grant
2015: Net Institute Summer Grant
2019: Net Institute Summer Grant
2021: Net Institute Summer Grant
2022-25: Grant from NRF (Natoinal Research Foundation) of Korea
2022: Grant from EU for a consortium project “data4food2030”, Horizon Europe
(2021-27)
2024: Grant from ANR for the study on digital ecosystems

CONFERENCE/WORKSHOP ORGANIZATIONS

Digital Workshop, TSE, since 2018, together with Daniel Ershov (till the end of 2021) and Alexandre de Cornière (from 2022)

IO Workshop, 2021-22, with Isis Durrmeyer

Conference on “Digital Platforms: Opportunities and Challenges”, October 27-28, 2020, TSE (co-organizer: Bruno Jullien)

Regulating the Digital Economy, Workshop 2022, May 12-13, TSE, member of the organizing committee

Regulating the Digital Economy, Conference 2023, February 23-24, Yale University, member of the organizing committee

Annual CSIO/IDEI (Northwestern/Toulouse) IO Workshop, 2009-2019

Workshop on “The Economics of Data Ownership, Access and Trade”, Brussels, 27-28 March, 2017 (co-organizers: Jacques Crémer and Bertin Martens)

PUBLICATIONS in refereed journals:

“Data Portability and Competition: Can Data Portability Increase Both Consumer Surplus and Profits?” with Domenico Menicucci (University of Firenze, Italy), *European Journal of Law and Economics*, 2023, <https://doi.org/10.1007/s10657-023-09774-9>

“Platform Design Biases in Ad-Funded Two-Sided Markets” with Jay Pil Choi (Michigan State University), *RAND Journal of Economics*, 2023, 54(2): 240-267

“Compatibility Choices, Switching Costs and Data Portability” with Domenico Menicucci (University of Firenze, Italy) and Nikrooz Nasr (TSE), *American Economic Journal: Microeconomics*, 2023, 15(1): 30-73

“Second-Degree Price Discrimination by a Two-sided Monopoly Platform” with Byung-Cheol Kim (University of Alabama) and Domenico Menicucci (University of Firenze, Italy), *American Economic Journal: Microeconomics*, 2022, 14(2), 322-369

“Language, Internet and Platform Competition” with Bruno Jullien (Toulouse School of Economics) and Mikhail Klimenko (Georgia Institute of Technology), *Journal of International Economics*, 2021, 131, 103439

“A Leverage Theory of Tying in Two-sided Markets with Non-Negative Price Constraints” with Jay Pil Choi (Michigan State University), *American Economic Journal: Microeconomics*, 2021, 13(1): 283–337

- “Dominance and Competitive Bundling”** with Sjaak Hurkens (IAE, CSIC) and Domenico Menicucci (University of Firenze), *American Economic Journal: Microeconomics* 2019, 11(3): 1-33,
- “On the Profitability of Buyer Groups When Sellers Compete”** with Domenico Menicucci (University of Firenze, Italy), *Games and Economic Behavior*, 115, 2019, 265-288
- “Privacy and Personal Data Collection with Information Externalities”** with Jay Pil Choi (Michigan State University) and Byung-Cheol Kim (University of Alabama), *Journal of Public Economics*, 173, 2019, 113-124
- “Cross-Licensing and Competition”** with Yassine Lefouili (TSE), the *RAND Journal of Economics*, 49(3), 2018, 656-671
- “Net Neutrality, Network Capacity and Innovation at the Edges”** with Jay Pil Choi (Michigan State University and University of New South Wales) and Byung-Cheol Kim (University of Alabama), *Journal of Industrial Economics*, 66(1), 2018, 172-204
- “The Benefits of Diverse Preferences in Library Consortia”** with Domenico Menicucci (University of Firenze, Italy), *Journal of Industrial Economics*, 65(1), 2017, 105-35
- “News Aggregators and Competition Among Newspapers in the Internet”** with Nikrooz Nasr (TSE), *American Economic Journal: Microeconomics*, 8(4), 2016, pp. 91-114
- “On the Optimality of Pure Bundling for a Monopolist”** with Sjaak Hurkens (IAE, CSIC) and Domenico Menicucci (University of Firenze, Italy), *Journal of Mathematical Economics*, 60, 2015, 33-42
- “Net Neutrality, Business Models, and Internet Interconnection”** with Jay Pil Choi (Michigan State University and University of New South Wales) and Byung-Cheol Kim (Georgia Institute of Technology), *American Economic Journal: Microeconomics*, 7(3), 2015: 103-141
- “Credit Rating Industry: A Helicopter Tour of Stylized Facts and Recent Theories”** with Stefano Lovo (HEC, Paris). *International Journal of Industrial Organization*, 31(5), 2013, 643-651
- “Bundling and Competition for Slots”** with Domenico Menicucci (University of Firenze, Italy). *American Economic Review* 102(5), 2012, 1957–1985
- “Promoting Network Competition by Regulating Termination Charges”** with Sjaak Hurkens (IAE, CSIC), IDEI Working Paper 575, entitled **“Mobile Termination and Mobile Penetration”**. *International Journal of Industrial Organization*, vol. 30, 2012, 541-552

“Interconnection among Academic Journal Websites: Multilateral versus Bilateral Interconnection” with Domenico Menicucci (University of Firenze, Italy), *the RAND Journal of Economics*, vol. 42, Summer, 2011, 363-386

“When is the Optimal Lending Contract in Microfinance State Non-Contingent?” with Domenico Menicucci (University of Firenze, Italy), *European Economic Review*, vol. 55, 2011, 720-731

“The Pricing of Academic Journals: A Two-sided Market Perspective” with Jean-Charles Rochet (Universite de Toulouse, France), *American Economic Journal: Microeconomics* 2(2), 2010, 222-255

“A Retail Benchmarking Approach to Efficient Two-way Access Pricing: No Termination-Based Price Discrimination ” with Sjaak Hurkens (IAE, CSIC), vol. 39 (3), Autumn 2008, 822-49, *the RAND Journal of Economics*

“Money, Fame and Allocation of Talent: Brain Drain and the Institution of Science” with Domenico Menicucci (University of Firenze, Italy) *Journal of Economic Behavior and Organization* vol. 66/3-4, 2008, 558-581

“The Organization of Regulated Production: Complementarities, Correlation and Collusion” with Jos Jansen (European University Institute) and Domenico Menicucci (University of Firenze, Italy), *International Journal of Industrial Organization*, 26: 327-353, 2008

“Downsizing and Job Insecurity” with Joel Shapiro (Universitat Pompeu Fabra), *Journal of the European Economic Association* vol.5 (5): 1043-1063, September 2007

“Bundling Electronic Journals and Competition among Publishers” with Domenico Menicucci (University of Firenze, Italy), *Journal of the European Economic Association*, vol.4 (5), September 2006, 1038-83

“Labor Market Information Acquisition and Downsizing,” with Jean-Jacques Laffont (University of Toulouse, France), *Review of Development Economics*, vol. 10(3), 2006, 345-364

“Mechanism Design under Collusion and Uniform Transfers”, *Journal of Public Economic Theory*, vol. 7 (4), October 2005, 641-667

“Optimal Second-degree Price Discrimination and Arbitrage: On the Role of Asymmetric Information among Buyers” with Domenico Menicucci (University of Firenze, Italy), *the RAND Journal of Economics*, vol. 36 (2), Summer 2005, 337-360
The paper also came out in *NAJ Economics*, Volume 5, August 2002 under the title **“Buyer Coalitions against Monopolistic Screening: On the Role of Asymmetric Information among Buyers”**

“On the Receiver-Pays Principle” with Jean-Jacques Laffont and Jean Tirole, (University of Toulouse, France), *the RAND Journal of Economics*, vol. 35 (1), Spring 2004, 85-110

“The Efficient Mechanism for Downsizing the Public Sector,” with Jean-Jacques Laffont (University of Toulouse, France), *World Bank Economic Review*, vol. 13 (1), January 1999, 67-88, Special issue on public sector downsizing.

WORKING PAPERS:

“Tying with Network Effects” with Jay Pil Choi (Michigan State University) and Michael Whinston (MIT), TSE Working Paper

“Platform Competition and App Development” with Patrick Rey (TSE), TSE Working Paper

“Ecosystems and Complementary Platforms” with Yassine Lefouili (TSE), Yaxin Li (Renmin University) and Timothy Simcoe (Boston University), TSE Working Paper

“Mechanism Design and Innovation Incentive for an Ad-Funded Platform” with Shota Ichihashi (Queen’s University) and Byung-Cheol Kim (University of Alabama)

“Platform Liability and Innovation” with Yassine Lefouili (TSE) and Leonardo Madio (University of Padua), TSE Working Paper

“Homophily in Social Media and News Polarization” with Luis Abreu (TSE) and Sara Shahanaghi (TSE), TSE Working Paper

“Decentralizing Cooperation through Upstream Bilateral Agreements” with Yassine Lefouili (TSE), TSE Working Paper,

“Data, Targeted Advertising and Quality of Journalism: The Case of Accelerated Mobile Page (AMP) ” with Jun Yan (Xiamen University), TSE Working Paper

“Reputation as an Entry Barrier in the Credit Rating Industry”, with Stefano Lovo (HEC), IDEI Working Paper 675

“A Leverage Theory of Reputation Building with Co-branding: Complementarity in Reputation Building” with Jay Pil Choi (Michigan State University) UPF Working Paper 1019

“Relying on the Agent in Charge of Production for Project Evaluation” UPF Working Paper 623

WORK IN PROGRESS:

“Vertical Integration and Algorithm Bias” with Mikhail Drugov (Universitat Autònoma de Barcelona)

“News Selection by News Aggregators and Incentives for Newspapers to Invest in Journalism: The case of South Korea” with Dong Ook Choi (Sangmyung Univ.), Changmin Oh (Konan Tech.)

OTHER PUBLICATIONS:

“Regulation of Digital Platforms and the State’s Use of Platform Technologies in China”, with Jens Prüfer and Inge Graef, TILEC discussion paper

“Economics of News Aggregators” in *Economic Analysis of the Digital Revolution*, edited by Juan-José Ganuza and Gerard Llobet, 2018, Funcas, Spain, page 343-366

“Market Power and Transparency in Open Display Advertising – A Case Study”, 2021, Final Report, Expert Group for the Observatory on the Online Platform Economy

“Workstream on Differentiated Treatment”, with Inge Graef, Bernhard Rieder, Joris van Hoboken and Martin Husovec, 2021, Final Report, Expert Group for the Observatory on the Online Platform Economy

“Measurement and Indicators”, with Vili Lehdonvirta, Bernhard Rieder, Elisabetta Raguseo, Inge Graef, Joris van Hoboken, 2021, Final Report, Expert Group for the Observatory on the Online Platform Economy

“Workstream on Data”, with Teresa Rodríguez de las Heras Ballell, Jeanette Hofmann, Inge Graef, Sophie Stalla-Bourdillon, Annabelle Gawer and Agata Majchrowska, 2021, Final Report, Expert Group for the Observatory on the Online Platform Economy

INVITED PRESENTATIONS TO GENERAL AUDIENCE

Invited speaker to Journée d’étude « Publication scientifique : stratégies des grands éditeurs et consentement à payer », February 11, 2021, Organized by Couperin.Org
<https://jestrategies.sciencesconf.org/>

OTHER ACTIVITIES FOR ACADEMIC COMMUNITY:

Referee for *American Economic Review*, *Econometrica*, *Review of Economic Studies*, *Rand Journal of Economics*, *American Economic Journal: Microeconomics*, *Journal of the European Economic Association*, *Journal of Economic Theory*, *Games and Economic Behavior*, *Management Science*, *Economic Journal*, *Journal of Economics and Management Strategy*, *Journal of Industrial Economics*, *International Journal of Industrial Organization*, *European Economic Review*, *Canadian Journal of Economics*, *Labor Economics*, *Information Economics and Policy*, *Journal of Public Economic Theory*