

## Professor Sean F. Ennis – Short Biography & CV



Dr. Sean Ennis is a Professor at the University of East Anglia's business school and Director of its Centre for Competition Policy. He has extensive experience in management, strategy, and economic policy focused on the interface between the private sector and government. At the University of East Anglia, he runs an internationally recognized research centre on markets, regulation and consumers. As part of this role, he was instrumental in the development, launch and implementation of innovative postgraduate programs. He founded a successful international course on regulatory economics and industrial organization for professionals and initiated a custom course on digital markets for ministries and regulators in the UK.

His research focuses on innovative sectors and economic impacts of incentives and contracts. He applies social science methods to business practices to understand how private companies and the state interact. His work has been published in journals like the *Journal of Industrial Economics*, the *Journal of Law and Economics*, the *International Journal of Operations and Production Management*, and the *Oxford Review of Economic Policy*, among others. He has published significant studies related to digital economy, energy, financial services, communications, sustainability, and health care. He has presented expert views to the European Parliament and the UK Parliament. His studies and statements have been published by organisations such as the G20, the European Parliament, the OECD and the World Bank.

Alongside his academic career, he consulted for the United Nations, OECD, Inter-American Development Bank and companies including General Mills, Mercado Libre, National Economic Research Associates (NERA) and Strategy&. He co-authored and oversaw reports for regulatory agencies in Australia, EC, Greece, Mexico, the Philippines, Romania, Saudi Arabia, South Africa, the United Kingdom and the United States. He has been involved in antitrust and regulatory proceedings with the European Commission, the U.S. Department of Justice, the U.S. Federal Communications Commission and the U.K.'s Competition Appeal Tribunal. Such activities have both enriched his practice knowledge and ensured research relevance and impact.

From 2003-2018, he was a Senior Economist at the OECD. For two years during this time, he served as Executive Director of the Competition Commission of Mauritius, where he reported to the Prime Minister's Office. At the OECD, he developed and led the competition assessment of regulations program to assess market impacts of government regulation. Prior to 2003 he worked as an economist at the European Commission's DG Competition and at the U.S. Department of Justice's Antitrust Division, developing economic analyses for investigations involving business mergers and contracting.

He obtained an undergraduate degree in economics from King's College at Cambridge University and a PhD in economics from the University of California at Berkeley.

British, married, 4 children

Norwich Business School, Centre for Competition  
Policy

seanfennis@hotmail.com  
+44 (0)7365 324324 (m, UK)

University of East Anglia, Norwich Research Park  
Norwich, Norfolk NR4 7TJ  
United Kingdom

### **PROFESSIONAL**

Professor and CCP Director, Norwich Business School, Jan 2019 –  
University of East Anglia & Centre for Competition Policy –  
Norwich

Visiting Lecturer, Sciences Po Starting Jan 2025

Senior Economist, OECD, Competition Division – Paris Mar 2013 – Dec 2018  
(acting Head of Competition Division July-October 2017) Apr 2003 – Mar 2011

Executive Director, Competition Commission of Mauritius Mar 2011 – Mar 2013

Economist, European Commission, DG Competition - Sep 2002 - Mar 2003  
Brussels

Visiting Scholar, Ecole Nationale Supérieure des Sep 2001 – Oct 2001  
Télécommunications - Paris

Economist, U.S. Department of Justice, Antitrust Division Jul 1996 – Sep 2002  
Economic Analysis Group - Washington, DC

### **EDUCATION**

UC Berkeley, PhD (Economics), 1996

King's College, Cambridge, BA Hons, First Class (Economics), 1990

### **AFFILIATIONS**

TILEC Extramural Fellow, (2024- ), Tilburg University

CERRE (Centre for Regulation in Europe), Fellow, (2019 - ), Board Member (2022 - )

Alethius Ltd (2019 - ), Director

NERA (2021 - 2023), Affiliate

Mauritius Institute of Directors (2011 – 2019), Fellow

International Competition Network (ICN) Advocacy Working Group (2012 - 2013), Co-  
Chair

American Economic Association

British Academy of Management

### SELECTED RESEARCH, REPORTS & PUBLICATIONS

citations from Google Scholar in parentheses (414 total) (232 since 2019), as of 10 June 2024

"On the Relationship between Global Value Chain Entry and Exit and SMEs' Environmental Practices: Examining the Role of Trade Facilitation", with Ricardo Malangueno de Santana, Januario Monteiro and Udish Ranasinghe Hewage, March, 2024, International Journal of Operations and Production Management. <https://doi.org/10.1108/IJOPM-03-2024-0261>

"State Aid and Privatisation", with Andreas von Bonin and Florian Reiter-Werzin in EU State Aid Control: Law and Economics, (ed. Philip Werner and Vincent Verouden). Kluwer: Amsterdam (forthcoming).

"Competition and the Food Supply Chain", Paper for the OECD Secretariat. November, 2024. [https://one.oecd.org/document/DAF/COMP/GF\(2024\)4/en/pdf](https://one.oecd.org/document/DAF/COMP/GF(2024)4/en/pdf)

"Does Increasing Concentration Hit Poorer Areas More? A Study of Retail Petroleum Markets", with Farasat Bokhari, Franco Mariuzzo and Peter Ormosi, Journal of Industrial Economics. <https://doi.org/10.1111/joie.12403>

Exploring aspects of the state of competition in the EU, with, Livia De Simone, Salvatore Nava, Elena Salomone, Mattia Nardotto, Lorien Sabatino, Hugo Bourousse, Salvatore Carrazzo, Rafael Aigner, James Coates, Luca Rancati, Alexis Walckiers, Antonio Neto, Chris Pike, Cosimo Beverelli, Andrea Camilli, Claudio Colacurcio, Giacomo Cotignano, Daniele Zappia, Stephan Paetz, 1 July 2024. <https://data.europa.eu/doi/10.2763/012974>

"Emerging Virtual Worlds: Implications for Policy and Regulation", with Fabiana di Porta and Daniel Foa, report for Centre on Regulation in Europe (CERRE), March, 2024. [https://cerre.eu/wp-content/uploads/2024/02/CERRE\\_Virtual\\_Worlds\\_Report.pdf](https://cerre.eu/wp-content/uploads/2024/02/CERRE_Virtual_Worlds_Report.pdf)

"Price Parity Clauses for Hotel Room Booking: Empirical Evidence from Regulatory Change", with Marc Ivaldi and Vicente Lagos. Journal of Law and Economics 66:2, 309-331, 2023. <https://www.journals.uchicago.edu/doi/10.1086/723456> (13)

Internet Empire: The Hidden Digital War, Islington Green Publishing: London, 2023.

"A Commercial Advertising Revolution: From Yellow Pages to Search Engines", CPI Antitrust Chronicle, June 2023. <https://www.competitionpolicyinternational.com/a-commercial-advertising-revolution-from-yellow-pages-to-search-engines/>

"Energy Data Sharing and the Case of Electric Vehicles Smart Charging", with Giuseppe Colangelo, CERRE Report, 19 October 2022. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4252503](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4252503)

"Consumer Expectations and Fair Contracting for Digital Products", CPI Antitrust Chronicle, July, 2022. Article 9: 1-6. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4215910](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4215910)

"Business Strategy and Antitrust Compliance", in Perspectives on Antitrust Compliance, Editors: Riley, A., Stephan, A. and Tubbs, A. Concurrences, 2022. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4096094](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4096094)

"Sector Inquiry: Definition and Commentary", in The Competition Law Dictionary, Concurrences: Paris. 5 January, 2022 (print 2024). <https://www.concurrences.com/en/dictionary/sector-inquiry>

UK Regulation after Brexit, ed. with Hussein Kassim, Andy Jordan, report for UK in a Changing Europe. (8)

"Personalised Pricing and Disclosure", with Wynne Lam, report. UK Ministry of Business, Energy and Industrial Strategy Research Paper Number 2021/008. [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1003987/Price\\_personalisation\\_and\\_disclosure\\_UEA\\_report.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1003987/Price_personalisation_and_disclosure_UEA_report.pdf) (3)

"Synthesis of Literature on the Impact of the UK Regulatory Model", with David Deller and Tim Tutton, report for UK Regulators Network, released 17 September, 2020. [https://www.ukrn.org.uk/wp-content/uploads/2020/09/UKRN\\_literature-review\\_final\\_20200405\\_clean.pdf](https://www.ukrn.org.uk/wp-content/uploads/2020/09/UKRN_literature-review_final_20200405_clean.pdf)

"Retrospective evaluation support study on state aid rules for environmental protection and energy", with other CCP staff, E.ca Economics and Sheppard Mullin. 2 June, 2020. [https://ec.europa.eu/competition/state\\_aid/modernisation/EEAG\\_study.zip](https://ec.europa.eu/competition/state_aid/modernisation/EEAG_study.zip)

"Developing International Perspectives on Digital Competition Policy", with Amelia Fletcher, April, 2020. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3565491](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3565491). Also released by Industrial Development Think Tank housed in CCRED of University of Johannesburg in project supported by Department of Trade and Industry of Republic of South Africa. (9)

"Manual for Competition Assessment of Regulations in the Philippines", with Leni Papa. Manual prepared for the Philippines Competition Commission with APEC support. 2019. [http://publications.apec.org/-/media/APEC/Publications/2019/12/Manual-for-Competition-Assessment-of-Regulations-in-the-Philippines/219\\_EC\\_Manual-for-Competition-Assessment-of-Regulations-in-the-Philippines.pdf](http://publications.apec.org/-/media/APEC/Publications/2019/12/Manual-for-Competition-Assessment-of-Regulations-in-the-Philippines/219_EC_Manual-for-Competition-Assessment-of-Regulations-in-the-Philippines.pdf).

"Independent Sector Regulators and their Relationship with Competition Authorities", OECD background note. DAF/COMP/WP2(2019)3 2 December 2019. [https://one.oecd.org/document/DAF/COMP/WP2\(2019\)3/en/pdf](https://one.oecd.org/document/DAF/COMP/WP2(2019)3/en/pdf) (1)

"Market Power: The Inequality Connection", CPI Antitrust Chronicle, December, 2019 [https://ueaeprints.uea.ac.uk/id/eprint/74714/2/CPI\\_Ennis.pdf](https://ueaeprints.uea.ac.uk/id/eprint/74714/2/CPI_Ennis.pdf) (2)

"Inequality: A Hidden Cost of Market Power", with Pedro Gonzaga and Chris Pike, Oxford Review of Economic Policy. 35(3):518–549, 2019. <https://doi:10.1093/oxrep/grz017>, <https://ssrn.com/abstract=2942791>. (110)

"Water Sector Ownership and Operation: an Evolving International Debate with relevance to proposals for nationalisation in Italy", with David Deller. A CERRE Report. 11

July 2019. [https://cerre.eu/sites/cerre/files/cerre\\_watersectorownershipoperation.pdf](https://cerre.eu/sites/cerre/files/cerre_watersectorownershipoperation.pdf) (3)

"Pricing Abuses: An Overview of EU and National Case Law", Concurrences, May 2019, and 2020 Competition Case Law Digest - A Synthesis of EU, US and National Leading Cases, Concurrences.

"Pecuniary Penalties for Competition Law Infringements in Australia", with Pedro Caro de Sousa, OECD, 2018.

"The Effects of Market Power on Inequality", with Pedro Gonzaga and Chris Pike, CPI Antitrust Chronicle, October 2017. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3487578](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3487578) (6)

"Regulatory Perspectives on Virtual Currencies", with Gert Wehinger, The Cobden Centre, September 2017. <https://www.cobdencentre.org/2017/09/regulatory-perspectives-on-virtual-currencies/>

"Market Power and Wealth Distribution", with Yunhee Kim, in World Bank Publications A Step Ahead: Competition Policy for Shared Prosperity and Inclusiveness. 2017. (22)

"Cartels: Estimation of Harm in Public Enforcement Actions", with Rosana Aragon Plaza, OECD Background Note, DAF/COMP/LACF(2017)4. 2017.

"The Need for International Cooperation in Merger Enforcement", with A. Capobianco and John Davies, European Competition Law Annual, 2013, ed. P. Lowe, M. Marquis and G. Monti, Hart Publishing, 2016. (Re-publication in Comparative Competition Policy, ed. Beth Farmer, Edward Elgar.) [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2450137](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2450137) (12)

"Refining Regulation to Enable Major Innovations in Financial Markets", OECD note for Hearing on Disruptive Innovation in Financial Markets, 26 October, 2016. [www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=DAF/COMP/WP2\(2015\)9&doclanguage=en](http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=DAF/COMP/WP2(2015)9&doclanguage=en)

"Strategies for Creating and Enhancing a Culture Favourable to Competition", CPI Antitrust Chronicle, August (1), 2014.

"Criteria for Setting Fines for Competition Law Infringements", with Sunmi Li, OECD Background Note, DAF/COMP/LACF(2013)4/REV1, 2013.

"Competition and Governance: Minority Shareholding in Small Countries", CPI Antitrust Chronicle, January (1), 2012.

"Standard Setting", OECD Background note, roundtable on Standard Setting by the OECD Competition Committee, 2010.

"Electricity: Renewables and Smart Grids", OECD Background note, roundtable on renewables and smart grids by the OECD Working Party on Competition and Regulation, 2010.

"Initiatives in Reforming Rules and Regulations", with Vivek Ghosal in Reforming Rules and Regulations: Laws, Institutions and Implementation, in Vivek Ghosal (Ed.). MIT Press: Cambridge, Chapter 1, 2010.

The Financial Crisis: Reform and Exit Strategies, with Adrian Blundell-Wignall, Paul Atkinson, Grant Kirkpatrick, Geoff Lloyd, Steve Lumpkin, Sebastian Schich and Juan Yermo, OECD, 2009.

"Competition and Efficient Usage of Payment Cards", in OECD Journal of Competition Law and Policy 11(3): 15-66, 2009. (7)

"Competition and Regulation in Retail Banking", in OECD Journal of Competition Law and Policy 11(3): 109-150, 2009.

"Regulatory Impact Assessment in the United States", in Regulatory Impact Analysis: Institutions, Theories and Cases, ed. Tetsuzo Yamamoto, NTT Press: Tokyo. 2009.

"Competition and efficiency in payment cards: which options for SEPA?" with Alberto Heimler. World Competition 31(1):19-35, 2008.

"Competition and Price Dispersion in International Long-Distance Calling", Journal of Regulatory Economics 29:303-317, 2006. (19)

"Convergence, Competition and Regulation", in The Round Table Expert Group on Telecommunications Law: Conference Papers, eds. E.J.Dommering and N.A.N.M. van Eijk, 221-241, 2005.

"Mergers in Network Industries", Communications & Strategies, 50:51-68, 2003.

"A Competitive Analysis of International Long-Distance Calling", in Communications Policy and Information Technology: Promises, Problems, Prospects, MIT Press, Edited by Lorrie Faith Cranor and Shane Greenstein, 2002.

"Network Connection and Disconnection", US Department of Justice Economic Analysis Group Discussion Paper No 02-5, 2002. (4)

"A Nonparametric Analysis of International Long-Distance Demand", US Department of Justice Economic Analysis Group Discussion Paper, May 2002.

"Physician Incentives and the Timing of Caesarean Sections: Evidence from California", with Joanne Spetz and Mark Smith, Medical Care, 39: 536-550, 2001. (102)

"Optimal Prices and Costs for Hospitals with Excess Bed Capacity", with Michael Shoenbaum and Theodore Keeler, Applied Economics, 32: 1201-1212, 2000. (12)

"Hospitals: New Payment Schemes and Hospital Behavior", in Industry Studies, 2<sup>nd</sup> Edition, ed. Larry Duetsch, 1998.

Excess Capacity and Price Competition in California Hospital Markets, Doctoral Dissertation, U.C. Berkeley, 1996.

"The Northridge Earthquake: A Natural Experiment in Market Structure", Working Paper 95-244, U.C. Berkeley Department of Economics, 1995. (5)

"The Cost Escalation of Rail Projects: Using Previous Experience to Re-Evaluate the CalSpeed Estimates," with Dan Leavitt and Pat McGovern. University of California Transportation Center Working Papers, 1993. (33)

## WORKING PAPERS

"Customer-Focused Entry Deterrence: Creating Loyalty in Dynamic Markets", with Haiming Wu, mimeo, 2024.

"Do product market reforms work? Analyzing regulatory changes impacting competition", with Selvin Thanacoody, mimeo, 2024.

"The Design of Recurrent Procurement Auctions", with Farasat Bokhari, Tim Salmon and Carlos Vega CCP Working Paper 24-04, <https://cdn.sanity.io/files/hr4v9eo1/production/09dd7e5c3ade1a00f5ac730d6400b6843c76367d.pdf>

"Grim Trigger or Cost Shifter: Dynamic Medicine Auctions in the Philippines" with Farasat Bokhari, Tim Salmon and Carlos Vega CCP Working Paper 24-03, <https://cdn.sanity.io/files/hr4v9eo1/production/c0bf7082cb6b56e4cd3701db671f081089394cd2.pdf>

"Cloud Portability and Interoperability Under the EU Data Act: Dynamism versus Equivalence", with Ben Evans, Mimeo. 13 April 2023. <https://ssrn.com/abstract=4395183>

"The Natural Monopoly Paradox: Incumbent Inefficiency and Entry", CCP Working Paper 23-01, 20 February 2023. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4364914](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4364914)

"US v Microsoft: Where Did the Time Go? " CCP Working Paper 21-05, April 2021. [https://ueaeprints.uea.ac.uk/id/eprint/80236/1/CCP\\_21\\_05.pdf](https://ueaeprints.uea.ac.uk/id/eprint/80236/1/CCP_21_05.pdf)

"Minimum Advertised Prices: How They Differ from RPM", with Kai-Uwe Kuhn, CCP Perspectives Working Paper 21-01, 31 March 2021. <http://www.markenverband.de/publikationen/studien/Minimum%20Advertised%20Price%20Restrictions%20FINAL%2020210419.pdf> (1)

"Advantages of License-Exempt Spectrum: Allocation Versus Auctions for Upper 6Ghz Spectrum", Mimeo. 8 February, 2023. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4349180](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4349180)

## SELECTED PRESENTATIONS / ACTIVITIES

### *Conferences*



Conference leadership, Centre for Competition Policy annual conference (2019-2024, more than 300 registrations per year).

Conference leadership, UK Digital Economy Research Network (2021-2024, more than 30 registrations per year).

Conference leadership, 15 large OECD conference sessions for OECD Working Party on Competition and Regulation, or Competition Committee (2003-2018, more than 300 people per session)

*Speaker, panellist, chair*

Speaker, "Customer-Focused Entry Deterrence: Creating Loyalty in Dynamic Markets", Competition Law and Economics Europe Network, Tilburg University, 10 October 2024.

Speaker, "Economic development and competition", COMESA (Common Market for Eastern and Southern Africa) Regional Judges Workshop, Port Louis, Mauritius, 1 October 2024.

Speaker, "Digital Economy Regulation: Key Aspects for Consideration in Digital Economy Agreements", International Trade Centre, UN & WTO, Jakarta (virtual), 30 September 2024.

Speaker, "Price Concentration Studies", LEAR Competition Festival, Rome, 26 September 2024.

Speaker, "Innovation and Tech: What's Next for the EU", Parliamentarian Roundtable, European Parliament Strasbourg, with MEP Axel Voss, organised by Snap, 19 September 2024.

Speaker, "Regulatory and Business Innovation in Uncharted Waters: Mandatory Cold Ironing", International Finance Symposium. Preveza, Greece. 27 July 2024.

Panellist, Launch of OECD Product Market Regulation Indicators, 10 July 2024, OECD.

Speaker, "Governance Models to Address Network Effects, Contracting and Loyalty in Digital Markets", Network of Industrial Economics Society, University of Warwick, 28 June 2024.

Speaker, "Cloud Portability and Interoperability Under the EU Data Act: Dynamism versus Equivalence", Cloud Economics and Policy Workshop, organised by Toulouse School of Economics, Brussels, 25 June 2024.

Panellist, "Celebrating 25 Years of the Competition Act", Webber Wentzel with Linklaters and Throughline Advisers, Johannesburg (virtual), 11 June 2024.

Speaker, "Governance Models to Address Network Effects, Contracting and Loyalty in Digital Markets", Institutional and Organizational Economics Academy, Cargèse, France.

Speaker, "Do product market reforms work? Analyzing regulatory changes impacting competition", Panel in margins of ABA Antitrust Meetings,



Chair, "Towards a more Dynamic Regulation for Energy Networks", CERRE, Brussels, 26 March 2024.

Speaker, "Impact Assessment for Competition Authorities", Arab Competition Network, Riyadh. 4 March 2024.

Speaker, "Regulating Virtual Worlds", CERRE Foundational Technologies Governance Summit, Brussels. 22 February 2024.

Speaker, "Competition and Cost of Living in French Polynesia", Pacific competition authorities meeting (PINCCER), 15 February 2024

Speaker, "The Natural Monopoly Paradox: Incumbent Inefficiency and Entry", TILEC Seminar, Tilburg University, 20 September 2023.

Speaker, "Retrospective Merger Evaluation: GfK-Pfizer Consumer Health", with Farasat Bokhari, European Association for Research on Industrial Economics, LUISS, Rome. 25 August 2023

Speaker, "The Natural Monopoly Paradox: Incumbent Inefficiency and Entry", EUI Conference on Postal and Delivery Economics, Gdansk. 26 May 2023.

Speaker and consultant, "Market Power in the Digital Economy", Seminar on Competition Policy and Innovation in the Era of Digitalization, for EU-funded Arise Plus project run by the International Trade Centre (an organisation of UN and WTO), Bangkok. 16 May 2023.

Speaker and Organiser, "Digital Markets", Bespoke Training for CMA (DMU), London, January 31 and February 1, 2023, and for Department for Digital, Culture, Media and Sport, London, 28 February-1 March 2023.

Speaker, "Price Parity Clauses for Hotel Room Booking: Empirical Evidence from Regulatory Change", Erasmus Center for Economic and Financial Governance, Erasmus University, Rotterdam. 15 October 2022.

Speaker, "Price Parity Clauses for Hotel Room Booking: Empirical Evidence from Regulatory Change", BECCLE Conference, Bergen. 3 June 2022.

Speaker and Organiser, "Digital Markets", Bespoke Training for Department for Business, Energy and Industrial Strategy Training on Competition Economics and Department for Digital, Culture, Media and Sport, 30 and 31 March 2022 (by video).

Speaker, "US v Microsoft: Where Did the Time Go?", Digital Economy Network Workshop, Norwich, 29 March 2022.

Chair, Digital Economy Panel Discussion with Tommaso Valletti, Amelia Fletcher, Anja Lambrecht. Norwich, 29 March 2022.

Panellist, "Between Competition and Regulation: Taming Online Platforms and Intermediaries", Jean Monnet Centre of Excellence on Digital Governance Conference, Leeds (virtual), 17 December 2021.

Chair, Chatham House Competition Policy Conference, keynote session with Olivier Guersent, London, 18 November 2021.

Speaker, "A Taxonomy of Regulatory Sandboxes", British Academy of Management Conference, 3 September 2021.

Panellist, "Competition Law and Policy and Inequality", UNCTAD Research Partnership Platform, 7 July 2021.

Panellist, "Inequality, Redistribution and Competition Law Enforcement", The Antitrust Enforcement Symposium, Oxford Centre for Competition Law and Policy, 25 June 2021 (by video).

Panellist, "Digital Regulation and Anti-trust/Abuse Cases", Law Society Annual Summer Antitrust Conference, 23 June 2021 (by video).

Panellist, "Do We Need Targets to decarbonise gas by 2030?", Eurogas webinar, 22 June 2021 (by video).

Speaker, "Natural Monopoly in Delivery Services", University of Barcelona workshop, 9 June 2021 (by video).

Speaker, "Competition and Economic Inequality: Mean Wealth Effects of Market Power" in conference 'Should Wealth and Income Inequality be a Competition Law Concern?', University of Amsterdam Centre for Law and Economics, 20 May 2021 (by video).

Participant, "Economic Roundtable on Retained Vertical Block Exemption Regulation Review", CMA organised roundtable of expert economists, 7 April 2021.

Speaker, "Open Banking as an Instrument of Competition Policy" in seminar on Four perspectives on Open Finance Regimes: Shaping Market Structures in an Era of Digital Regulation and Trade, World Bank, 24 February 2021 (by video).

Speaker and Organiser, "Digital Markets", Bespoke Training for Department for Business, Energy and Industrial Strategy Training on Competition Economics and Department for Digital, Culture, Media and Sport, 25 February and 8 March 2021 (by video).

Panellist, "The Way Forward Following the FCA Proposals - Consumers and Insurance Markets, Competition and Competitiveness, and Preparing for the Future Challenges for the Industry", Westminster Forum Policy Conference 10 February 2021 (by video).

Chair, "What Obligations should be Placed on Large Online Gatekeepers: Have the EC Digital Markets Act proposals got it right?", CCP Conversation, 29 January 2021 (by video).

Panellist, "Law and Market Definition in the Digital Era", workshop organised by the Indian Institute of Corporate Affairs and the Centre for Competition Law and Policy, Jodhpur, 24 October 2020 (by video).

Panellist, "The future of EEAG in times of the EU Green Deal: Continuity or Disruption", CERRE, 22 September 2020 (by video).

Speaker, "Natural Monopoly in Delivery Services", Ofcom Seminar Series, 7 September 2020. (by video)

Panellist, "The Energy Transition and Fairness: Looking Forward", CERRE, 10 June 2020 (by video).

Panellist, "Merger Policy with 2020 Foresight", CPI, 4 June 2020 (by video).

Panellist, "South Africa Expert Panel on Regulation of Digital Platforms", Pretoria (by video), 5 March 2020.

Speaker and Organiser, "Digital Markets", Bespoke Training for Department for Business, Energy and Industrial Strategy Training on Competition Economics and Department for Digital, Culture, Media and Sport, London, London, 18-19 February 2020.

Speaker, "Natural Monopoly in Delivery Services", Economics Seminar Series, Judge Business School, Cambridge University, 12 February 2020.

Speaker, "Governance of the Water Sector" with Bruno Liebhaberg, European Forum on Regulation of Water Services. Rome, 3 December 2019.

Speaker, "Competition Assessment for Better Regulation: The Philippines Manual for Competition Assessment of Regulations", APEC / Philippines Competition Commission Workshop on Competition Assessment. Manila, 5-6 September 2019.

Panellist, South Africa Expert Panel on Regulation of Digital Platforms, Johannesburg, 22 July 2019.

Speaker, Southern African Competition and Economic Regulation Week "Competition and the Internet: What can Developing Countries do?" Botswana, 18 / 19 July 2019.

Speaker, APEC Workshop on Digital Competition Workshop on Competition Policy for Online Platforms in the APEC Region, "Market Definition and Assessment of Market Power for Multi-sided Markets", Mexico City, 8 May 2019.

Speaker, OFGEM "Digital Advertising and Competition", London, 1 May 2019.

Adviser, BEIS State of Competition Report, March – June 2019.

Speaker, APEC workshop, APEC Competition and Policy Law Group meetings. "Public Policies towards mergers", Santiago, 1 March 2019; "Updating competition assessment for the digital era", 2 March 2019.

Speaker, "Competition Challenges in Digital Advertising", Royal Statistical Society Roundtable on Competition in Digital Advertising, London, 22 January 2019.

Speaker, "Digitalisation and Competition", Department for Business, Energy and Industrial Strategy Training on Competition Economics, London, 15 January 2019.

Speaker, "Price-Parity-Clauses on Hotel Room Booking: Empirical Evidence from Industry Data", European Association of Research on Industrial Economics (EARIE) conference, Athens, 31 August – 2 September 2018.

Speaker, "Competition Assessment: History and Methods", EU Competition Law and Policy Workshop, European University Institute, Florence, 22-23 June, 2018.

Speaker, "Markets and Inequality", LSE event on Markets and Social Values, London School of Economics, London, 9 May 2018.

Speaker, "Pecuniary Penalties for Competition Law Violations in Australia", with Pedro Caro de Sousa, University of Melbourne Law School Seminar, 28 March 2018.

Speaker, "Pro-market regulatory reform: an applied method and impact analysis", Economics Seminar Series, Judge Business School, Cambridge University, 30 January 2018.

Speaker, "Competition in the Digital Economy", with Andy Wyckoff, G20 Task Force Digital Economy meeting in Hamburg, 24 October 2017.

Speaker, "Disruptive innovation and cross-border co-operation", EU Competition Law and Policy Workshop, European University Institute, Florence, 2-3 June 2017.

Speaker, "Inequality: the Hidden Cost of Market Power", CCP Annual Conference, Norwich, 15-16 June 2017.

Central management of OECD Competition Assessment Program, (with reports from programmes in Greece, Mexico, Portugal, Romania and responsibility for producing Competition Assessment Toolkit (translated into more than 15 languages) and OECD Council Recommendation on Competition Assessment) 2005-2011, 2013-2018.

Interview, "OECD'S recipe could help Greece stand out in key areas, says senior economist", ekatherimini, 11 December 2016, <https://www.ekathimerini.com/214468/article/ekathimerini/business/oecd-recipe-could-help-greece-stand-out-in-key-areas-says-senior-economist>

Speaker, "The Benefits of Competition", "Establishing a Competition Culture", United Nations ECSWA conference on competition policy, Beirut, 25-26 October 2016.

Speaker, "Optimizing Trade and Competition Policies to Drive Inclusive Growth", WTO Public Forum, session organised by World Economic Forum, Geneva, 28 September 2016.

Chair, "MFN clauses in Online Platform Markets ", Seoul International Competition Forum, Seoul, 8 September 2016.

Speaker, "Competition Assessment and the Fair Market Review Mechanism", senior-level workshop on Fair Market Review Mechanism, organised by NDRC, Beijing, 7 September 2016.

Speaker, "Competition Assessment: The Key to Growth", China University of Political Science and Law, Law School, Government Officials Training Programme, Beijing, 6 September 2016.

Speaker, "Economic Analysis in Merger Review", OECD Regional Centre, Seoul, 5 September 2016.

Speaker, "Assessing Competitive Impacts of Regulations", release of OECD Competition Assessment Review of Romania, Bucharest, 28 June 2016.

Presentation, "Competition Law and Inequality", University College, London, 21 June 2016.

Speaker, "Competition Authority Roles in Disruptive Innovation", ICN Annual Conference, Singapore, 28 April 2016.

Speaker, "Virtual Currencies", European Parliament, European Parliament Expo, Brussels, 20 April 2016.

Speaker, "Competition Advocacy: How to Make it More Effective", Rome Competition Forum, Rome, 18 September 2015.

Speaker, "Distributional Effects of Pro-Competitive Policies", with John Davies, EU, CMA and Dutch Competition Authority Conference on Looking Beyond the Direct Effects of the Work of Competition Authorities: Deterrence and Macroeconomic Impact, Brussels, 17 September 2015.

Speaker, "Market Power and Distribution of Wealth", Presentation at World Bank-OECD Conference, Washington D.C., June 2015.

Speaker, "Detailed Guidance on Assessing Competitive Effects of Regulations", International Competition Network teleseminar, 24 March 2015.

Speaker, "Measuring Restrictions on Competition: Tools for Implementing Competition Assessment", International Competition Network teleseminar, 26 February 2015.

Speaker, "Policy Design – Taking Account of Impact on Competition", with Kate Blatchford and Hugh Mullun, UK Government Economic Service Workshop, London, HMO Treasury, 29 January 2015.

Speaker, "Using Competition Assessment to Achieve Better Regulation", with Ania Thiemann, Competition Commission of India, Dehli, 15-16 October 2014.

Speaker, "Regulated Conduct Defense: International Experience", Canadian Bar Association. Toronto, 21 May 2014.

Speaker, "Assessing Financial Penalties for Cartel Participants", European Competition Day. Athens, 10 April 2014.

Speaker, "What Unilateral Conduct Standards Should Be Applied in Developing Countries and Emerging Markets?" International Competition Network Annual Conference, Warsaw, 25 April 2013.

Panellist (in French), "Les Règles de Concurrence et l'Elaboration des Textes", Concurrence et Choix Publiques, Autorité de la Concurrence Workshop, Paris, 22 January 2013.

Speaker, "Planning and Conducting Investigations in Vertical Restraints", UNCTAD Workshop, Dar es Salaam, Tanzania, 27 November 2012.

Speaker, "Determination of the Relevant Market in Non-Homogenous Products", UNCTAD Workshop, Lusaka, Zambia, 23 November 2012.

Panellist, "Relationship between Competition Authorities and Sector Regulators", UNCTAD Tripartite Peer Review Dissemination Event, Harare, Zimbabwe, 19 November 2012.

Speaker, "Public Procurement and Competition Policy", UNCTAD Intergovernmental Group of Experts on Competition Law and Policy, Geneva, 11 July 2012.

Chair, "Tripartite Peer Review of Competition Law and Policy in the United Republic of Tanzania, Zambia and Zimbabwe", UNCTAD Intergovernmental Group of Experts on Competition Law and Policy, Geneva, 10 July 2012.

Speaker, "Competition Impact Analysis of Regulation", Competition and Regulation European Summer School and Conference (CRESSE), Chania, Greece, 7 July 2012.

Speaker, "Effective Project Delivery: tips for effectively delivering projects within an agency", International Competition Network Annual Conference, Rio de Janeiro, 18 April 2012.

Speaker, "IBL/Kraft post-evaluation report", workshop on Competition Law for Professionals organised by the Competition Commission of Mauritius, Chartered Financial Analysts Association of Mauritius and the Bar Association of Mauritius, Ebene, Mauritius, 18 November 2011.

Discussant, "Market Power and Abuse of Dominance", Conference on Competition Law, Economics and Policy, University of Johannesburg, Johannesburg, South Africa, 4 October 2011.

Speaker, "Competition Assessment in Regulatory Impact Analysis", University of Amsterdam, 6 October 2010.

Organiser, "Competition and Credit Rating Agencies", OECD Hearing, 2010

Chair, "Seminar on Switching in Banking", OECD-GVH Regional Centre for Competition, Budapest, 8-9 March 2010.

Speaker, "Assessing Regulation and Competition Policies", with Insuk Cheong and Youngjae Lim. Korean Development Institute School, Seoul, July 2009.

Speaker, "Turning up the Volume: Hearing Aid Regulation in the United States", CESifo Venice Summer Institute, Workshop on Reforming Rules and Regulations, 19 July 2008.

Speaker, "A Median Voter Explanation of Competition Enhancing Regulation", CCP, University of East Anglia, Workshop on Balancing Regulation and Competition, 7 July 2008.

Speaker, "Removing Regulatory Barriers to Competition", Inter-Governmental Workshop organized by Russian Anti-Monopoly Service, Moscow, 14 December 2007.

Speaker, "Principles of Competition Assessment", AEI-Brooking Workshop on Role of Competition Analysis in Regulatory Decisions, Washington, DC, 15 May 2007.

Speaker, "Competition Assessment of Regulations", Regulatory Impact Working Group of European Commission, Brussels, 20 March 2007.

Speaker, "Competition Assessment: Analyzing Effects of Regulation on Competition", Intra-American Development Bank workshop, Washington, DC, 2 March 2007.

Speaker, "Access, Investment and Facilities-based Competition", OPTA and TILEC workshop on Future of Telecom Regulation, Amsterdam, 2 November 2006.

Speaker, "The First- Mover Disadvantage: An unintended Effect of Third Party Access Requirements", College of Europe ELEA workshop, Bruges, June 2006.

Speaker, "When is postal delivery a natural monopoly?" 13<sup>th</sup> Conference on Postal and Delivery Economics, Antwerp, 3 June 2005.

Speaker, "When is postal delivery a natural monopoly?" European Commission, DG Competition, Brussels, 1 June 2005.

Speaker, "Structural Separation, Natural Monopoly and Postal Delivery", Association of Competition Economics, Siena, 3 December 2004.

Speaker, "Convergence, Competition and Regulation", Institute for Information Law, University of Amsterdam, 9 December 2003.

Speaker (in French), "Les Effets de Réseau et la Concurrence", Université Paris IX – Dauphine, 9 Decembre, 2003.

Speaker, "Network Connection and Disconnection", Katholieke Universiteit of Leuven, 24 April 2003.

Presentation, "Network Effects and Competition Policy", DG Competition, Brussels, 7 February 2003.

Presentation, "Network Connection and Disconnection", Telecommunications Policy Research Conference, Arlington, Virginia, 29 September 2002.

Speaker, "Network Connection", Federal Communications Commission, Washington, 2 April 2002.

Speaker, "Competition and Price Dispersion in International Long-Distance Calling", Telecommunications Policy Research Conference, Arlington, Virginia, 28 October 2001.

Speaker, "Competition and International Long-Distance Telephone Calling", Federal Communications Commission, Washington, DC, 7 March 2001.

Speaker, "Did Cesarean Section Rates for Kaiser and Other Insurers Converge between 1985 and 1995", ASSA (HERO Session), New York, January 1999.



Speaker, "Does Medicare Pay its Way?" Co-authors Michael Shoenbaum and Theodore Keeler, NBER, Boston, Mass., 1998.

Speaker, "Does Medicare Pay its Way? Marginal Costs for Medicare Patients with Excess Hospital Capacity", Co-authors Michael Shoenbaum and Theodore Keeler. Northeast Regional Health Economics Research Symposium, Newport Rhode Island, August 1997.

### **Consultancy**

Consultant, OECD, Paris, 2019, 2024. Sector regulators and competition authorities; food supply chain.

Consultant, Inter-American Development Bank, Washington DC, 2024. Development in the Americas, flagship publication.

Consultant, Competition Commission of South Africa, 2024. Fresh Produce Markets.

Consultant, HEDNO, Greek electricity distribution company, 2020-2024.

Consultant, Saudi Arabian General Authority for Competition (GAC), direct and with Strategy&, 2019-2023, Riyadh; preparation of strategic plan for competition authority; preparation of National Competition Strategy; preparation of sector prioritisation model.

Consultant, Mercado Libre, 2019-current.

Consultant, International Trade Centre (United Nations and WTO organisation), 2023-2024. Competition and digital. Thailand, ASEAN.

Consultant, General Mills, 2023.

Consultant, Philippines Competition Commission, Grab-Uber Incentives, with Kai-Uwe Kuhn, 2022.

Consultant, Alphabet, 2021.

Consultant, UK business ministry (BEIS). Report preparation on personalised pricing, with Wynne Lam, 2020-2021.

Consultant, UK Regulators Network. Report preparation on UK regulatory model, 2020.

Consultant, United Nations, UNCTAD, 2012. Work related to competition in Tanzania, Zambia, and Zimbabwe.

Consultant, various competition and economic matters without filed litigation.

### **TESTIMONY/EXPERT SUBMISSIONS**

Expert report, "Incentive Monitoring Framework for Grab: A report prepared for the Philippine Competition Commission", with Kai-Uwe Kuhn, submitted to and prepared on behalf of Philippines Competition Commission, December 2022.

Amicus Curiae, "Amicus Curiae Brief on IFT Barriers to Competition Investigation into Online Search, Social Networks, Cloud Computing and Mobile Operating Systems", First Administrative Tribunal on Economic Competition, Broadcasting and Telecommunications, Mexico City, 26 May 2021.

Oral evidence, "State aid and renewable energy", Select Committee on Northern Ireland, House of Commons, London, 7 May 2019.

Oral evidence, "Virtual Currencies", European Parliament, Hearing of Economic and Monetary Policy Committee, Brussels, 25 January 2016.

Oral evidence, "Sunday Trading: assessment of regulatory restrictions to competition", with Ania Thiemann, Hearing, Belgian Parliament, Commission of Economy. 30 June 2015.

Oral statement and written evidence, "Monday Effect – Manipulation of Fuel Prices?", European Parliament Workshop. 18 December 2013.

Expert report, Affidavit re Application of James Ingstad Broadcasting for Consent to Assignment of Licenses of Stations in Fargo-Moorhead. Contained in "Comment in Response to Public Notice" before the Federal Communications Commission. May 1999.

Expert report, Affidavit re Application of Citadel Communications and Marathon Media for Consent to Assignment of Licenses of Stations KCTR-FM, KMHY-FM, KBBB-FM, KKBR-FM and KBUL-AM in Billings, Montana. Contained in "Comment in Response to Public Notice" before the Federal Communications Commission. 26 April 1999.

Oral Evidence, "Comments on HMO Mergers", Hearing of California Department of Corporations, San Francisco. Public Hearing on Proposed Acquisition of Prudential Health Care Plan of California, Inc. by Aetna Inc. 4 March 1999.

Expert report, Affidavit re Application of Spectacular Broadcasting and Citicasters Co. for Consent to Assignment of Licenses of Stations KBKO-AM, Santa Barbara, California and KSPE-FM, Elwood, California. Contained in "Comment in Response to Public Notice" before the Federal Communications Commission. December 1998.

Expert report, Affidavit re Application of Tallahassee Broadcasting Company and Cumulus Licensing Corp. for Consent to Assignment of License of Station WGLF-FM, Tallahassee, Florida. Contained in "Comment in Response to Public Notice" before the Federal Communications Commission. November 1998.

Expert report, Affidavit re Application of Triathlon Broadcasting Company and Capstar Radio Broadcasting Partners, Inc. For Consent to Assignment of Licenses of Stations KFH-AM, Wichita, Kansas, KQAM-AM, Wichita, Kansas, KWSJ-FM, Haysville, Kansas, KRBB-FM, Wichita, Kansas, KEYN-FM, Wichita, Kansas, and KZSN-FM, Hutchinson, Kansas. Contained in "Comment and Petition for Hearing" before the Federal Communications Commission. 19 October 1998.

## SELECTED CASES

Ennis v. Apple, Case No. 1601/7/7/23 before Competition Appeal Tribunal, London (serving as certified Class Representative for UK app developers on iOS, ongoing)

Fruit and Produce Market Investigation, Competition Commission of South Africa (ongoing)

Grab / Uber (Philippines Competition Commission)

Bundling of Insurance Products and Credit in the Banking Sector (Banking / Insurance (CCM))

Commingling of Pools: Automatic Systems Limited and Globalsports Limited (CCM)

MyT and Bundled Internet Access (CCM)

Hachette/Vivendi (Publishing) (DG Competition)

Tetra Laval/Sidel (Liquid packaging) (DG Competition)

WorldCom/Sprint (Telecom and Internet) (US Department of Justice)

US v. North Shore Hospital System (Hospital Merger Trial) (US Department of Justice)

Bartnicki v. Vopper (US Supreme Court Case)

Loews/Cineplex (Movie Theaters) (US Department of Justice)

Aetna/Prudential (Health Insurance) (US Department of Justice)

MTV (Music Television) (US Department of Justice)

Radio Station Mergers (Economic Expert) (US Department of Justice)

## EXTERNAL

External Examiner: Course: Cambridge University, Judge Business School MSc in Technology Policy; PhD Student (Oxford University).

Grant reviewer: Netherlands Ministry of Economic Affairs Grant, Robert Wood Johnson Foundation Grants, Association of Health Care Policy and Research Grants.

Fellow: Higher Education Academy.

Academic paper reviewer: Jury Member of Antitrust Writing Awards, Journal of Antitrust Enforcement, Journal of Comparative Economics, Journal of Economic Policy Reform, Journal of Industrial Economics, Journal of International Development, International Journal of Economics and Business, Journal of Competition Law and Economics, Oxford Review of Economic Policy, Review of Industrial Organisation.