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EDUCATION

2012, *PhD in Economics*, Toulouse School of Economics and EHESS (Ecole des Hautes Etudes en Sciences Sociales, Paris), France
2009, *European diploma in Advanced Quantitative Economics (MPhil level)*, Toulouse School of Economics, France
2008, *MSc in Mathematical Economics and Econometrics*, Toulouse School of Economics, France
2008, *Magistere Economiste-Statisticien*, Toulouse School of Economics, France
2007, *BSc in Econometrics*, Toulouse School of Economics, France

PROFESSIONAL EXPERIENCE

2018 - Present, *Vice President*, Compass Lexecon, Brussels
2013 - 2018, *Economist in Chief Economist Team*, DG Competition, European Commission, Belgium
2012 - 2013, *Research Fellow*, Düsseldorf Institute for Competition Economics, Germany
2011 - 2013, *Consultant*, Consulting activities for the railway industry in France
2008 - 2012, *Researcher and Lecturer*, Toulouse School of Economics, France

SELECTED WORK EXPERIENCE

DG Competition (Cases with drafting responsibility)

Mergers

- Bayer/Monsanto
Merger in the agrochemical sector (crop protection, seeds and traits). Assessment of innovation competition in seeds and traits (empirical work on patents, review of internal documents, theory of harm).
- Dow/DuPont
Mergers in the agrochemical sector (crop protection/pesticides). Assessment of innovation competition in crop protection (empirical work on patents, review of internal documents, theory of harm). Additional contributions on product competition: market share analysis, analysis of generic competition (empirical work and review of internal documents), analysis of transaction data to assess switching between the merging parties.
- Plastic Omnium/Faurecia
Merger in the sector of manufacturing automobile equipment. Isochrones analysis for market definition, analysis of bidding data.
- Sysco/Brakes
Merger in the sector of food distribution. Analysis of bidding data.
- Heidelbergcement/Italcementi
Merger in the cement industry. Empirical analysis of potential coordinated effects.
- Halliburton/Baker Hughes
Merger in the sector of oil field services. Supporting role on the analysis of bidding data.
- Hutchison 3G UK /Telefonica UK
Mobile telecom merger in UK. Economic advice.

- Dentsply/Sirona
Merger in the sector of dental equipment. Competitive assessment on conglomerate issues (incentive to foreclose competitors through mixed bundling: theory of harm, data collection, calibration of a model).
- Staples/Office Depot
Merger in the sector of office supplies. Market definition and competitive assessment (market share analysis, closeness of competition, analysis of bidding data, analysis of survey data).
- General Electric/Alstom
Merger in the power generation sector. Analysis of merger effects in bidding markets (theory of harm, data collection, and empirical analysis), review of internal documents, market definition, market share analysis, assessment of potential efficiencies.
- Telefonica Deutschland/E-Plus
Mobile telecom merger in Germany. Competitive assessment (closeness of competition, UPP analysis, calibrated merger simulation).
- EDF/Dalkia
Merger between EDF (electricity provider in France) and Dalkia (facility management services). Competitive assessment on conglomerate issues (incentive to foreclose competitors through mixed bundling: theory of harm, data collection, calibration of a model).
- CSAV/HL
Merger in the liner shipping industry. Economic advice.
- Marine Harvest/Morpol
Merger in the salmon industry. Competitive assessment (theory of harm, market share analysis, price correlation analysis).

Antitrust

- Price-cost test (as-efficient competitor test) in the context of an abuse of dominance investigation (data collection, review of accounting documentation/internal documents, data analysis).
- Assistance to a Court case on a request for information.
- Analysis of survey data (market definition and competitive assessment) in the context of an investigation on airline cooperation (airline alliance and codesharing).
- Analysis of efficiencies (in-market and out-of-market efficiencies) in the context of an investigation on airline cooperation (airline alliance and codesharing).
- Analysis of efficiencies in the liner shipping industry.
- Analysis of broadband penetration rate in the context of an investigation on abuse of dominance.

State Aid

- State Aid case in the electricity sector in Romania. Quantitative analysis to determine a benchmark for the assessment of electricity contracts.

OTHER WORK ENGAGEMENTS

- Teaching activities:
 - Courses on quantitative techniques in competition policy at the Czech Competition Authority (March 2013), South African Competition Authority (October 2014), and Slovenian Competition Authority (May 2016, April 2018)
 - Empirical industrial organization course at the Barcelona Graduate School of Economics (May 2017, May 2018).
 - Empirical industrial organization course at the Düsseldorf Institute for Competition Economics, Germany (2012, 2013, 2014, 2015)
 - Empirical industrial organization course at the DIW Berlin, Germany (October 31st, November 1st, 2013)
 - Research visit at the Masaryk University of Brno (Czech Republic, March 2013).
- Organisation of the EAGCP-DG Competition ("Economic Advisory Group for Competition Policy"):



- Annual conference in March 2018. Topics: the use of the as-efficient-competitor test in loyalty discounts and exclusive dealing cases, cartel screening, conglomerate mergers
- Annual workshop in December 2015 at DG Competition, European Commission. Topics: (i) mergers in mobile telecoms, (ii) organisation of the working groups of the EAGCP.
- Member of the DG Competition working group on drafting merger decisions, European Commission, 2016.
- Researcher at the Düsseldorf Institute for Competition Economics, 2012-2013: Research project on the productivity gains from the liberalization of the rail industry in Europe, organisation of a workshop on "Competition, Regulation, and Investment in Railways – Current Issues".
- Consulting activities for the railway industry in France, 2011-2012: assessment of the substitution patterns between the different modes of transport (train, plane, car) for long-distance trips in France (survey design, data collection and analysis).
- Research assistant, Toulouse School of Economics (2009-2010):
 - Calibration of a model to evaluate the welfare loss from a two-part contract compared to an optimal mechanism (academic paper: "A Mechanism Design Approach to Climate Agreements", Journal of the European Economic Association, 2016, David Martimort and Wilfried Sand-Zantmann).
- Internship at the Institut Veolia Environnement, 2007: Author of a report on the economics of delegated management (in collaboration with the Industrial Economics Institute of Toulouse).
- Internship at the International Trade Centre UNCTAD/WTO, 2006: Development of a database to analyse the commitments taken by WTO members in the General Agreement on Trade and Services.

SELECTED PUBLICATIONS, CONFERENCE PARTICIPATIONS AND WORKING PAPERS

"Patent analysis in merger control: why and how?" (with Cyril Hariton), May 2018, PatentSight Summit, Bonn, Germany

"The use of quantitative techniques in merger control", March 2018, Toulouse School of Economics, France

"Merger effects in auction markets", December 2017, Italian Competition Authority (AGCM-EIEF joint seminar), Rome, Italy

European Competition Network, 18 October 2017, Dublin, Ireland (participation in the session on the analysis of bidding data in merger cases)

"Recent Developments at DG Competition: 2016/2017" (with Benno Buehler, Cyril Hariton, Gregor Langus, and Tommaso Valletti), Review of Industrial Organization, 2017

"Dow/DuPont: protecting product and innovation competition", DG Competition Merger Brief, July 2017

European Competition Network, June 2017, Brussels, Belgium (participation in the session on the analysis of bidding data in merger cases: presentation of the economic framework used in the GE/Alstom merger case)

"Bidding analysis in merger", AntitrustItalia, Brussels, April 2017 (joint-talk with Giulio Federico)

"Recent Developments at DG Competition: 2015/2016" (with Adina Claiici, Giulio Federico, Massimo Motta, and Lluís Sauri), Review of Industrial Organization, 2016

"Plastic Omnium/Faurecia Exterior Business: The use of delivery distances in defining the geographic market and how supply-side concentration cancels out buyer power", DG Competition Merger Brief, December 2016

"Merger effects with tender data: focus on GE/Alstom", Association of Competition Economics, November 2016

"Bidding analysis in merger: the GE-Alstom case", Chief Competition Economist ECN (European Competition Network) working group, Riga, October 2016

"Bidding studies in merger control", Concurrences Law & Economics Workshop, Brussels, May 2016 (joint talk with Giulio Federico)



“Closeness of competition and the role of bidding data”, Global Competition Law Centre, 79th Lunch Talk, Brussels, March 2016

“General Electric/Alstom: our heavy duty”, DG Competition Merger Brief, March 2016

“Demand estimation with selection bias: a dynamic game approach with an application to the US railroad industry”, Düsseldorf University Press, DICE discussion paper, 2013

“An econometric analysis of productivity with measurement error: empirical application to the US railroad industry”, Düsseldorf University Press, DICE discussion paper, 2013

“Regulation in an Age of Convergence” (07/06/2013), Florence School of Economics

“International Industrial Organization Conference” (17-19/05/2013), Boston, Massachusetts

“Department of Economics Applied Microeconomics Seminar Series” (08/01/2013), University of California Irvine. “The static-dynamic efficiency trade-off in the US rail freight industry: assessment of an open-access policy” (by my co-author) (working paper)

“American Economic Association” (04-06/01/2013), San Diego (by my co-author).

“Annual congress of the European Economic Association-Econometric Society European Meeting” (27-31/08/2012), University of Malaga, Spain.

“Kuhmo Nectar Conference on Transport Economics” (21/06/2012), DIW Berlin, Germany. Award of the best paper of the conference.

“Advanced workshop in regulation and competition” (16-18/05/2012), Center for Research in Regulated Industries, Rutgers University (by my co-author).

Workshop on “Structural approaches to productivity and industrial dynamics” (12/04/2012), Einaudi Institute for Economics and Finance (EIEF).

“Presentation to an academic seminar: joint meeting of Econometrics/Empirical IO workshop” (15/09/2011), Department of Economics, University of Maryland.

“European Economics Association & Econometric Society” (25-29/08/2011), University of Oslo.

“Empirical implementation of theoretical models” (11-13/07/2011), Stanford Institute for Theoretical Economics. CEPR/JIE conference on Applied Industrial Organization (24-27/05/2011), Tel-Aviv, Israel.

“Quantitative analysis in competition assessments” (21/10/2010), ZEW Mannheim (Center for European Economic Research).

“Une réflexion économique sur les thèmes de la gestion déléguée et des partenariats publics-privés” (with David Martimort), IDEI Report 14, February 2009.

LANGUAGES

- French (native)
- English (fluent)

