

Estelle MALAVOLTI, PhD.

CONTACT INFORMATION

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CURRENT POSITION

- Assistant-Professor at the French University of Civil Aviation (ENAC, Enseignant-Chercheur)
- Research associate at the Toulouse School of Economics

RESEARCH INTERESTS

Industrial Organization
Competition Policy
Air Transport Economics

PROFESSIONAL EXPERIENCE

Director of the Master 2 Economics of Markets and Organizations programme *October 2016-* Toulouse School of Economics

PhD Advisor *October 2018-*

- Theme : Impact of disruptive innovations in the air transport system
Shangrong Chen, ENAC
Co-directed with Marcel Mongeau, Professor of Operational Research, ENAC

PhD Advisor *October 2012-2017*

- Theme : Regulation and competition in the Air Transport Sector
Chunan Wang, Toulouse School of Economics

PhD Advisor *October 2006-2011*

- Theme : differentiation and innovation, application to telemedicine from flights
Thibault larger, Toulouse School of Economics

Expert *2005-*

- Member of the management Committee and participation to the COST action "Air Transport and Regional Development", 2015-2019: Participation to workshops with presentation and to the composition of a handbook.
- Participation to PIPAA project, hydrogen introduction at the airports, 2017-2021: advisor of a thesis "Innovation adoption in the air transport system, the role of the airport".

- Participation to "Economic Impact of the ASEAN Single Aviation Market", 2014-2015: analysis of the economic conditions (mostly at airports) for the air transport liberalisation in ASEAN to be beneficial for the ASEAN members;
- Referee for the French Research Ministry, *programme Jeunes Chercheurs*, for Journals (International Journal of Industrial Organization, Journal of Economic and Management Strategy, Case Studies on Transport Policy, Transportation Research Part A, Journal of Air Transport Management)
- Editor for the Journal of Aviation Aerospace Education and Research, 2018-,
- Work Package Leader for the CARING project (Contribution of Airlines to the Reduction In Noises and Gazes), Cleansky (2010-2012), www.caring.aero
- Participation to "Future Airports Strategies", Care innovative project of Eurocontrol, with M3-system, 2008-2009
- Participation to "MODAIR" project on intermodality, Care innovative project Eurocontrol, with M3-system, 2004-2007
- Expert for the European Commission (research projects) and for the International Civil Aviation Organization (ICAO)

Research Fellow *Aug. 2002 to June 2004*

- ECARES, Free University of Brussels, Brussels, Belgium
- European University Institute, Finance and Consumption Chair, Florence, Italy

Visiting Lecturer *Sept. 1998 to Aug. 2004*

- University of Lille, IUT GEA, Management, Lille, France
- University of Pau et Pays de l'Adour, Master, Industrial Organization, Pau, France
- IUT Gestion des Entreprises et Administration, Auch, France

Lecturer *Sept. 1999 to Aug. 2002*

- University of Toulouse, France

EDUCATION

PhD. in Economics *Dec. 2002*

- With highest Honors, GREMAQ, University of Toulouse, France
- Thesis Title: Essays in asymmetric information
- Advisor: Patrick Rey
- Area of Study: Industrial Organization, Competition Policy

Diplôme Européen d'Economie Quantitative Avancé *June 1999*

University of Toulouse, France

Ecole Normale Supérieure de Cachan *Sept.1994-Aug.1998*

Department of economics and management, Paris, France

Master degree in Mathematical Economics *June 1998*

University of Toulouse, Toulouse, France

Agrégation d'Economie et Gestion *June 1997*

PUBLICATIONS

- "Faut-il autoriser des aides d'exploitation pérennes versées par les aéroports régionaux aux compagnies à bas coûts?" (State aids to low-cost airlines: could it be worth if durable?), **Revue Economique**, *forthcoming 2018*.
- "State aids, LCC and regional airports: a two-sided market analysis", **Transportation Research Procedia**, Volume 25, 2017, Pages 30-40.
- "Single Till or Dual Till at Airports: A Two-sided Market Analysis", **Transportation Research Procedia**, Volume 14, 2016, Pages 3696-3703.
- "Strategic reactions of airlines to the European trading scheme", with M. Podesta, **Transportation Research Procedia**, Volume 8, 2015, Pages 103-113.
- "Communication and Binary Decision: Is it Better to Communicate?", with F. Loss, T. Vergé, **Journal of Institutional and Theoretical Economics**, Volume 169, issue 3, 2013, Pages 451-467.
- "Analyse économique des aides publiques versées par les aéroports régionaux aux compagnies low cost", with Frédéric Marty, **European Journal of Law and Economics**, *September 2010*.
- "European competition policy modernization: From notifications to legal exception", with F. Loss, T. Vergé and F. Bergés, **European Economic Review**, Vol. 52, Issue 1, *January 2008*.
- "Décentralisation de la Politique Européenne de Concurrence", with F. Loss and T. Vergé, **Economie et Prévision**, *2007*.
- "Modernisation de la Politique communautaire de concurrence : régime d'autorisation ou d'exception légale?", with F. Loss, T. Vergé and F. Bergés, **Revue Economique**, *May 2002*.

BOOK CHAPTERS AND TECHNICAL REPORTS

- "Analyse économique de la régulation des redevances aéronautiques", 2016, technical report.
- "Analyse économique des enjeux de la logistique urbaine", 2016, technical report, IDEI.
- "La gratuité peut-elle avoir des effets anti-concurrentiels", with Frédéric Marty, **Ouvrage collectif**, édition Frison-Roche, *2013*.
- "Financement de la Presse Française", with Helmuth Crémer, in "Libéralisation et Services Publics: Économie postale", **Economica**, *2010*.
- "Analyse quantitative des externalités sur le marché de la presse: le cas français", with Claire Borsenberger, Marc Ivaldi and Catherine Vibes in "Libéralisation et Services Publics: Économie postale", **Economica**, *2010*.

WORK IN
PROGRESS

- "Connectivity measurements to assess regional development in Europe", with P. Lezaud, 2017.
- "Contract Design for EU Air Traffic Delay Reduction", with C. Wang, 2016.
- "Air traffic development in ASEAN : An airport capacity analysis", with I. Laplace, 2015.

CONFERENCES
WITH
PRESENTATIONS

- Air transport conferences : ATRS (Air Transport Research Society), WCTRS (World Congress of the Transport Research Society) , TRA (Transportation Research Arena), ATARD (Air Transport and Regional Development)
- Industrial Organization Conferences: EARIE (European Association for Research in Industrial Economics), EEA (European Economic Association, ESEM (Econometric Society European Meeting) , ACE (Association for Competition Economists)

TEACHING
ACTIVITIES

Industrial Organization (28h) *2012-*

- Teaching, coordination
- Audience:
2nd year ENAC engineers

Air Transport Economics *2004-*

- Master "Economics and Market Organization" (15h), Toulouse School of Economics
- Executive MBA, Tsinghua (8h)
- Master Public Action, Ecole Nationale des Ponts et Chaussées (4h), 2008
- ATC Controllers (15h), till 2006
- "Cour des Comptes" (6h), Jan. 2006

Microeconomics (17h) *2004-*

- Coordination
- Teaching
- Development of tutorials
- "Jeu de marché": construction, organization of a simulation to introduce basic concepts in microeconomics
2nd year ENAC engineers

Serious Game on managing an airport (OPTIMAIRPORT-8h) *2017-*

- Construction, teaching, coordination
- Audience:
2nd year ENAC engineers
Master Operational Research, ENAC and University of Toulouse

Strategy (60h) *2006-2011*

- Coordination
- Teaching

- Development of case studies
- Audience:
 - Aviation MBA, with LUIS Business School, Roma
 - 3rd year ENAC engineers
 - 2nd year Master of International Air Transport Operations Management
 - CAAC, Chinese Civil Aviation Administrators, 2006 (3h)

Intellectual Property Seminar (15h)

2008-2012

- Coordination
- Teaching (5h)
 - 2rd year ENAC engineers
 - ENAC employees

OTHER ACTIVITIES

Organization of research conferences

- Conference Air transport and research in economics, DGAC (2014)
- Annual conference of the Association for Competition Economists (2012), local committee
- Annual conference of the European Association for Research in Industrial Economics (2008), local committee
- Winter IO seminar, TSE IO group, Ax les thermes, 2018.

Distinction

- Chevalier of the Palmes Académiques, 2017, French Ministry of Research and Education

Additional Information

- Elected Representative for the researchers and teachers of ENAC at the Conseil d'Administration (2013-2018)
- Trésorière APACEM at ENAC, in charge of the centre de loisirs
- Responsible for the Karaté section at ENAC (ASMAC)
- President of the Karaté Do Shotokai section of Rangueil, Toulouse