



Valentina BRACAGLIA

Sapienza – University of Rome
Department of Computer, Control and Management Engineering *Antonio Ruberti*
Via Ariosto, 25 (Room A114) 00185 – Rome – Italy

EDUCATION

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|----------------------------|--|
| November 2012 – Present | Sapienza University of Rome, Rome, Italy
PhD Candidate, Control and Operational Research |
| September 2010 – July 2012 | Sapienza University of Rome, Rome, Italy
Master Degree in Management Engineering
110/110 cum laude
Thesis Title:
<i>Complementarity between Aviation and Commercial Services: the Effect on Airport Charges</i>
Excellence Program |
| September 2007 – July 2010 | Sapienza University of Rome, Rome, Italy
Bachelor Degree in Management Engineering
110/110 cum laude
Thesis Title:
<i>Supply Chain Model for the Use and Recycle of Secondary Raw Materials: the Dairy's Wastages Case</i> |

RESEARCH INTERESTS

- Economics of network industries

RESEARCH

Research projects - Principal Investigator

- September 2015 – Present
Multiproduct transport facilities: pricing and regulation, Research grant C26N15NAZK -, “Progetto avvio alla ricerca”, Sapienza University of Rome
- September 2014 – Present
Intermodality between air transport and high speed rail: social welfare, environmental externalities and regulation, Research grant C26N1483ET, “Progetto avvio alla ricerca”, Sapienza University of Rome

- August 2014 – January 2015
Competition between air transport and high-speed-rail: environmental externalities and regulation, Research Grant: ET11D0147UR, TEE program, European Commission.

Research projects – Investigator

- September 2015 – Present
Algorithms for bilevel programming with applications to large-scale high speed rail network, Research grant C26N159F4X -, “Progetto avvio alla ricerca”, Sapienza University of Rome
- August 2015 – Present
BONVOYAGE (From Bilbao to Oslo, intermodal mobility solutions, interfaces and applications for people and goods, supported by an innovative communication network)
- January 2015-Present
Analisi dei bilanci delle università in contabilità economico-patrimoniale, MIP-Politecnico di Milano
- June 2012-March 2013
Interdisciplinary project *Utility of the Future*, Massachusetts Institute of technology, MIT Energy Initiative

Visiting scholar

- August 2014 – January 2015
University of British Columbia, Vancouver, CA, Center for Transportation Studies
- October 2013 – December 2013
Massachusetts Institute of Technology (MIT), Cambridge, USA, MIT-Energy Initiative
- August 2013 – October 2013
Universidad Pontificia Comillas, Madrid, Spain, institute for technology investigation

TEACHING

- Academic year 2015/2016
Laboratorio di ricerca operativa (3 CFU) Canale 1, Bachelor of Science in Management Engineering (III year I e II semester) – Sapienza University of Rome
- Academic year 2015/2016
Economia e organizzazione aziendale (3 CFU), Bachelor of Science In Engineering In Computer Science And Control Engineering (BSE-CSCE) (III year II semester) – Sapienza University of Rome
- Academic year 2013/2014 and 2014/2015
Teaching Assistant SSD ING-IND/35 – *Ingegneria Economico-Gestionale, Facoltà di Ingegneria dell’Informazione Informatica e Statistica*, Sapienza University of Rome.

PUBLICATIONS

Journals

Bracaglia, V., D'Alfonso, T., Nastasi, A., Competition between multiproduct airports. *Economics of Transportation*, 3(4), 270-281, 2014, doi: 10.1016/j.ecotra.2015.02.004.

D'Alfonso, T., Jiang, C., Bracaglia, V., Would competition between air transport and high speed rail benefit environment and social welfare?. *Transportation Research Part B: Methodological*, 74, 118 – 137, 2015.

Under review

D'Alfonso, T., Jiang, C., Bracaglia, V., Air transport and high speed rail competition: environmental implications and mitigation strategies. Submitted to: *Transportation Research Part A: Policy and Practice*, 2014.

Technical reports

Bracaglia, V., D'Alfonso, T., Nastasi, A., Multiproduct airport competition and e-commerce strategies, Department of Computer, Control, and Management Engineering Antonio Ruberti Technical Reports, 4, Sapienza Università di Roma, 2014.

International workshops and Conferences

D'Alfonso, T., Bracaglia, V., Wan, Y., Multiproduct facility pricing with outside demand for side services, EUREKA Seminar Series, Department of Spatial Economics, VU University Amsterdam, Amsterdam, February 12, 2015.

Bracaglia, V., D'Alfonso, T., Wan, Y., Multiproduct facility pricing with outside demand. In: Centre for Transportation Studies Seminar Series. Vancouver. December 4, 2015.

D'Alfonso T., Jiang C., Bracaglia V., A note on the implications of air transport and high speed rail substitution on local air pollution and climate change. First EDIM PhD conference, ISBN: 97888-6493-022-0, Milan, June 11-12, 2014

D'Alfonso, T., Jiang, C., Bracaglia, V., The effects of competition between air transport and high speed rail on environment. In: 2014 Kuhmo NECTAR conference on Transportation Economics ITEA, Toulouse, June 3-5, 2014.

D'Alfonso, T., Jiang, C., Bracaglia, V., Would competition between air transport and high speed rail benefit environment and social welfare?. In: XVIII ATRS conference, Bordeaux, France, July, 17 –20 2014.

D'Alfonso, T., Bracaglia, V., Nastasi, A., Product competition in vertically differentiated markets: the case of airports. In: Centre for Transportation Studies Seminar Series. Vancouver, Canada, December 3, 2014.

HONOURS AND AWARDS

- 2014 Transatlantic Partnership for Excellence in Engineering Mobility Grant (€ 11000) – EU Commission
- 2014 Sapienza Università di Roma – Starting grant (€ 1500)
- 2013 Laureato Eccellente, Alumni Sapienza – Academic year 2013/2014
- 2011 Bachelor degree thesis included in the portfolio of innovative projects of the EU project MO.RE & MO.RE, More Reusing and More Recycling

LANGUAGE SKILLS

Mother tongue Italian
Other languages English, proficient user

I hereby authorize the treatment of my personal data according to the current Italian D.lgs number 196 of the 30th June, 2003.

Roma, 04/12/2015