

**Formazione - Titoli di Studio**

**Sapienza University of Rome      2014-2016      Laurea Magistrale in Ingegneria Gestionale**

*Specializzazione in Business management*

Votazione: 110 cum laude/110 [1<sup>st</sup>]

Tesi: *Social costs associated to transport services: benchmark between rail and road solutions in the UK context.*

Supervisors: Prof. G. Catalano and Prof. C. Nash

**Sapienza University of Rome      2010-2013      Laurea Triennale in Ingegneria Gestionale**

Sapienza University of Rome, Rome (Italy)

Votazione: 110/110 [1<sup>st</sup>]

Tesi: *Rationalise public administrations' expenses in goods and services: the universities case.*

Supervisor: Prof. G. Catalano

**Liceo Antonio Meucci, Ronciglione (VT – Italy)      2004-2009      Liceo Scientifico PNI**

Votazione: 91/100

**Attuale posizione – Dottorato di Ricerca**

**Sapienza University of Rome      2017-2020**

**Studente di dottorato** in Ingegneria Industriale e Gestionale (Anno di corso: 3) – Dipartimento di Ingegneria Meccanica ed Aerospaziale, Sapienza University of Rome

Supervisors: Prof. A. Avenali and Prof. G. Catalano

Tesi (provvisorio): *Evaluation of the impacts generated by demand behaviour, policy changes and the introduction of innovative transport modes on traditional mass transit systems.*

## Ulteriore formazione

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Sep 07 – 08 2020	<b>Data Quality for Research and Higher Education Studies Methodological Course</b> Sapienza University of Rome – RISIS2 Course (Rome - Online).
Feb 10 – 14 2020	<b>Advanced topics in econometrics</b> Prof. Rocco Roberto Mosconi, Politecnico di Milano.
Mar 07 – 08 2019	<b>Non parametric random coefficient models or mixed logits</b> Universidad de Chile – FCFM (Santiago de Chile, Chile).
Ott 08 – 11 2018	<b>Apulian School in Transport Economics and Infrastructure</b> University of Bari – (Bari, Italy).
Sett 11 – 14 2018	<b>XXVI AiIG PhD Summer School in Management Engineering, Defining the impact of research: scope, methods and practices</b> Politecnico di Torino – (Torino, Italy).
Lug 23 – 27 2018	<b>Modeling and Simulation of Transportation Networks course</b> MIT Professional Education, Short Programs – (Boston, USA).
Giu 25 – 27 2018	<b>XXVI ITEA 2018 Summer School</b> <i>International Transportation Economics Association</i> , Hong Kong.
Mag 07 – 11 2018	<b>Optimal Transport: numerical methods and applications – School of Advanced Studies</b> University of Padova – (Como, Italy).
Mar – Mag 2018	<b>8 Seminars and practical session on “Developing Interdisciplinary Models of the Dynamic Science and Innovation: theoretical, methodological and empirical tools and challenges”</b> Organized by Prof. Cinzia Daraio, Sapienza University of Rome.
Sett 2015	<b>Project Management course (23 hours)</b> Holded by the PMI – Rome Italy Chapter

## Attività di ricerca – *esperienze di ricerca e partecipazione a progetti scientifici*

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Nov 2016 – Oct 2017	<b>Assegnista di ricerca</b> in Ingegneria Industriale e Gestionale – Dipartimento di Ingegneria Informatica, Automatica e Gestionale (DIAG) – <i>Le gare nell'ambito del Trasporto Pubblico Locale</i> .
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<b>Nov 2019 – Nov 2020</b>	<i>Will Flixbus make you go by car? Effects of a disruptive business model with limited capacity on a monopoly characterized by high indivisibility: competitive behaviours and social welfare implications.</i>
	Program: PROGETTI PER AVVIO ALLA RICERCA – TIPO 1, Anno 2019 (protocollo n. AR11916B877B0160)
	Contractor: Sapienza University of Rome
	Principal investigator: Martina Gregori
	Supervisor: Alessandro Avenali
<b>Nov 2017 – Nov 2020</b>	<i>Methods and procedure for the allocation of national public resources in the Italian local public transport sector</i>
	Program: FINANZIAMENTI DI ATENEO PER LA RICERCA SCIENTIFICA – Anno 2017 (protocollo n. RP11715C76E5E75E)
	Contractor: Sapienza University of Rome
	Principal investigator: Dott. Ing. Tiziana D’Alfonso
<b>Mag 2018 – Giu 2018</b>	Membro del team di ricerca istituito presso il Dipartimento di Ingegneria Informatica, Automatica e Gestionale (DIAG, “A. Ruberti”) nell’ambito del progetto di ricerca “ <i>Efficienza e qualità nel TPL – I costi standard</i> ” per ANAV (Associazione Nazionale Autotrasporto Viaggiatori).
<b>Dic 2016 – Mar 2020</b>	<i>Comparing Governance Regime Changes in Higher Education: systemic performances, national policy dynamics, and institutional responses. A multidisciplinary and mixed methods analysis.</i>
	Program: PRIN 2015
	Responsabile per Sapienza Università di Roma: Prof.ssa Cinzia Daraio
	Coordinatore Scientifico: Prof. Gilberto Capano
<b>Nov 2016 – Giu 2018</b>	<i>Mobility Operation Platform – CTL</i> (Sapienza University of Rome) team; progetto inter-universitario coordinato dall’azienda Almaviva Spa

### Periodi di visiting student / visiting researcher

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<b>Mar 4 2019 – Dic 15 2020</b>	<b>Visiting PhD Student – topic <i>transport economics</i></b> Facultad de Ciencias Fisicas y Matematicas Universidad de Chile <i>Supervisor:</i> Prof. Leonardo J. Basso.
<b>Maggio 24 – 25 2018</b>	<b>RISIS – Research infrastructure for research and innovation policy studies. THE CIB Databaset</b> – Corporate Invention Board Coordinated by Antoine Schoen (ESIEE Paris).

**Feb 2016 –**  
**Giu 2016** **Research Student (for Master Degree dissertation)**  
Institute for Transport Studies (ITS), University of Leeds (UK)  
*Supervisor:* Prof. Chris Nash.

## Pubblicazioni (*Scopus Author Identifier: 57198500874*)

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### Journals

Bruni, R., Catalano, G., Daraio, C., Gregori, M., & Moed, H.F. (2020) Studying the heterogeneity of European higher education institutions. *Scientometrics*. [In press].

Avenali, A., Catalano, G., Gregori, M., & Matteucci, G. (2020) Rail versus bus local public transport services: A social cost comparison. *Transportation Research Interdisciplinary Perspectives*, vol. 7, Article number: 100200.

Catalano, G., Daraio, C., Diana, M., Gregori, M., & Matteucci, G. (2019) Efficiency, effectiveness, and impacts assessment in the rail transport sector: a state-of-the-art critical analysis of current research. *International Transactions in Operational Research*, vol. 26(1), pp. 5 – 40.

### Proceedings indicizzati

Avenali, A., Gregori, M., Reverberi, P. (2020), Effects of bus-based disruptive business models with limited capacity on rail monopolies: social welfare implications. In *26<sup>th</sup> International Conference on Urban Transport and the Environment (WIT – Urban Transport 2020)*, September 8<sup>th</sup> – 10<sup>th</sup> 2020, Bilbao (Spain) – *Online*. [In press].

Bruni, R., Catalano, G., Daraio, C., Gregori, M. and Moed, H. F. (2019), Characterizing the Heterogeneity of European Higher Education Institutions Combining Cluster and Efficiency Analysis. In *17<sup>th</sup> International Conference on Scientometrics and Informetrics (ISSI2019)*, September 2<sup>nd</sup> – 5<sup>th</sup> 2019, Sapienza University of Rome, Rome (Italy).

Catalano, G., Daraio, C., Gregori, M., Moed, H. and Ruocco, G. (2017), A scaling approach to tackle the heterogeneity of HEIs, *International Conference on Scientometrics & Informetrics (ISSI 2017)*, Wuhan (China), October 16th – 20th 2017, poster session.

### Conferenze e Workshops

Avenali, A., Gregori, M., Reverberi, P. (2020), Effects of bus-based disruptive business models with limited capacity on rail monopolies: social welfare implications. In *26<sup>th</sup> International Conference on Urban Transport and the Environment (WIT – Urban Transport 2020)*, September 8<sup>th</sup> – 10<sup>th</sup> 2020, Bilbao (Spain) – *Online*.

Avenali, A., Gregori, M., Reverberi, P. (2020), The long haul transport market evolution: could the railways versus Flixbus competition result in a less satisfied demand?. In *European Transport Conference (ETC 2020) – Association for European Transport*, September 9<sup>th</sup> – 11<sup>th</sup> 2020, Politecnico di Milano, Milano (Italy) – *Online*.

Bruni, R., Catalano, G., Daraio, C., Gregori, M. and Moed, H. F. (2019), A multi-level and multi-method analysis to characterize the heterogeneity of European higher education institutions, *XXX Riunione Scientifica Annuale AiIG 2019*, Torino (Italy), October 17<sup>th</sup> – 18<sup>th</sup> 2019.

Usami, D., Gregori, M., Persia, L., Petrichella, L. and Raffone, A. (2019). An analysis of Operational Transport Integration in selected countries, in *Convegno SIDT2019 (Società Italiana Docenti di Trasporto)*, September 11<sup>th</sup> – 13<sup>th</sup> 2019, Salerno (Italy).

Gregori, M., Avenali A., Catalano G., Matteucci, G., Nash, C. (2018), In what circumstances is suburban rail economically justified? Observation from British context, *Procurement design of local public transport services – E2 WCTRS*, Rome (Italy), November 15th – 16th 2018.

Catalano, G., Daraio, C., Diana, M., Gregori, M. & Matteucci, G. (2018), Efficiency, effectiveness, and impacts assessment in the rail transport sector: a state-of-the-art critical analysis of current research, *XXIX Riunione Scientifica Annuale AiIG 2018*, Castellanza (Italy), 11th-12th October 2018.

Daraio, C., Gregori, M., Catalano, G. & Moed, H. (2018), Tackling the heterogeneity of HEIs by combining different data sources and applying advanced conditional benchmarking techniques, *Science, Technology and Innovation (STI 2018)*, Leiden (The Netherland), September 12th – 14th 2018.

Avenali, A., Catalano, G., Gregori, M., Matteucci, G & Nash, C. (2017), In what circumstances is suburban rail economically justified? Observation from British context, *XIX Conference of the Italian Association of Transport Economic (SIET) – Growth and Mobility: the transport challenge*, Bari (Italy), October 5th – 6th 2017.

## Curatela di Conference Proceedings

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Catalano G., Daraio C., Gregori M., Moed H.F., Ruocco G. (2019), Proceedings of the 17th International Conference on Scientometrics & Informetrics, 2-5 September 2019, Sapienza University of Rome, Italy, Edizioni Efesto, ISBN: 978-88-3381-118-5, August 2019 (2 volumns, approximately 2800 pages).

## Partecipazione ai lavori di comitati scientifici e di conferenze internazionali

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Membro dello Scientific Committee della 17th International Conference on Scientometrics & Informetrics, September 2<sup>nd</sup> – 5<sup>th</sup> 2019, Sapienza University of Rome, Italy.

## Attività di reviewer

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### *Riviste internazionali*

Transport Policy

### *Conferenze*

ISSI 2019 - International Conference on Scientometrics & Informetrics

## Premi e borse di studio

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**2015**

**Borsa di studio per tesi all'estero – Laurea Magistrale (2821.00€ gross),**  
Facoltà di Ingegneria dell'Informazione, Informatica e Statistica, Sapienza  
University of Rome

## Esperienza amministrativa

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**Gen 2019 – in corso**

**Tutor per Master di I livello in Management del Trasporto Pubblico Locale,** Dipartimento di Ingegneria Informatica, Automatica e Gestionale (DIAG, A. Ruberti), Sapienza University of Rome.

**Dic 2017 – Set 2018**

**Collaboratrice per il “Comitato di monitoraggio”** della Facoltà di Ingegneria dell'Informazione, Informatica e Statistica dell'Università degli Studi di Roma La Sapienza; attività di pubblicizzazione del Corso di Laurea in Ingegneria Gestionale.

**Mag 2016 – Lug 2018**

**Tutor per Master di II livello in Management del Trasporto Pubblico Locale,** Dipartimento di Ingegneria Informatica, Automatica e Gestionale (DIAG, A. Ruberti), Sapienza University of Rome.

## Associazioni scientifiche e professionali

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- Membro dell'Associazione Italiana di Ingegneria Gestionale (AiIG)
- Membro della Società Italiana dei Trasporti e della Logistica (SIET)
- Membro del International Transportation Economics Association (ITEA)

## Informazioni aggiuntive

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### **Capacità linguistiche**

*Italiano:* Lingua madre

*Inglese:* IELTS, Overall band score 7.5/9 (CEFR Level: C1), 2016

### **Competenze tecniche**

Windows, MS Office

Software: R/Rstudio, Mathematica, JavaScript