

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Paolo Beria**
 Address Via Cola Montano, 8, 20159 Milan (Italy)
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 E-mail(s) paolo.beria@polimi.it
 Nationality Italian
 Date of birth 08 February 1978
 Fiscal code (Italian) BREPLA78B08F205I
 Gender Male

Work and research experience

Dates 2015 → ongoing
 Occupation or position held **Associate Professor in Transport Economics** (Italian classification: SECS-p/06)
 Main activities and responsibilities **Director** of the research laboratory TRASPOL
 Funded researches (competitively awarded)

- **QUAINT** - A comprehensive tool for the QUAntitative analysis of Italian National Transport plans and policies (Principal Investigator. Scientific Independence of Young Researchers programme, MIUR)

Dates 2008 → 2015
 Occupation or position held **Assistant Professor in Transport Economics** (Italian classification: SECS-p/06)
 Main activities and responsibilities Since 2011: **Director** of the research laboratory TRASPOL
 Funded researches (competitively awarded)

- Member of the management committee of the **Air Transport and Regional Development (ATARD)** - TUD COST Action TU1408 (leader: Bremen University, DE. 2015 – 2019).
- **Green Move**: research and development of a peer-to-peer electric car sharing system. Tasks: demand analysis and socio-economic assessment. (Regione Lombardia. March 2011 – 2013).

 Other researches and projects

- **Study on the improvement of the Milano – Mantova rail line** (Sen. Luigi Gaietti, Dec. 2014 - ongoing)
- **Strategic advising for the entrance in the long distance coach transport in Italy** (Stagecoach Bus Holdings Ltd. 2014)
- **Update of the Financial Balance of Milan Municipality - transport sector** (Agenzia Mobilità Ambiente e Territorio. Comune di Milano. December 2014 – January 2015)
- **The Trenitalia Service Contract for long distance passenger rail transport. Possible savings through the integration with coach transport** (ANAV Associazione Nazionale Autotrasporto Viaggiatori. May – December 2014)
- **Socio-economic and financial evaluation of the scenarios of the Sustainable Mobility Plan 2014-2024 (PUMS) of Milan city** (Agenzia Mobilità Ambiente e Territorio. Comune di Milano. May – December 2014)
- **Support for the estimation of external costs of Emilia Romagna road traffic – European project ECOTALE** (Regione Emilia Romagna. December 2013 – May 2014)
- **Financial Balance of Milan Municipality - transport sector** (Agenzia Mobilità Ambiente e Territorio. Comune di Milano. December 2013 – January 2014)
- **Air transport flows atlas for Milan airport region** (Globus et Locus for SEA Aeroporti)

Milano. January – December 2013).

- **Study on passengers bus long distance transport – 2013 update** (ANAV Associazione Nazionale Autotrasporto Viaggiatori. April – December 2013).
- **Economic assessment of saturation cost of Friuli Region rail network** (Andrea Debernardi Studio META Planning, for Regione Friuli Venezia Giulia. January – July 2013).
- **Cost Benefit Analysis of M4 metro line in Milan** (Agenzia Mobilità Ambiente e Territorio. Comune di Milano. September – October 2012).
- **Consultancy on the report “Misure per ridurre il tempo verso la crescita. Investimenti leggeri, tecnologia e sviluppo dei traffici”** (Fondazione ResPublica. April – June 2012).
- **Study on the feasibility of Caserta Grazzanise airport (including Cost Benefit Analysis).** (F2i Aeroporti. October 2011 – February 2012).
- **Comparative assessment of public transport investments** (self funded research. 2010 - 2012). Results published.
- **External costs of transport and internalisation with taxes** (self funded research. 2011 - 2012). Results published.
- **Ex-post assessment of Italian High Speed lines** (self funded research. 2011). Results published.
- **Study on passengers bus long distance transport** (ANAV Associazione Nazionale Autotrasporto Viaggiatori. September – December 2011).
- **Cost Benefit Analysis of the “Valfontanabuona motorway tunnel” (Italy)** (SPEA S.p.A. September – December 2010).
- **Comparative study on international assessment methods of public works from the point of view of technical and economic feasibility** (Italian Ministry of Transport and Ernst&Young. 2010 – 2011). Results published.
- **Liberalisation and regulation of railways. European experiences and possible strategies for Italy** (Ferrovie dello Stato S.p.A. September 2008 – August 2009). Results published.
- **Feasibility Study and Cost Benefit Analysis of the doubling of Como Borghi – Como Camerlata rail line (Italy).** (NordIng, for Regione Lombardia. September 2009 – January 2010).
- **Feasibility Study and Cost Benefit Analysis of the doubling of Malnate – Varese rail line (Italy).** (NordIng, for Regione Lombardia. September 2009 – January 2010).
- **Consultancy and research activity concerning possible regulatory regimes for Sicily Region.** (Interbus S.p.A. and SAIS Autolinee. January 2009 – January 2010).

Other projects

- **Independent evaluation of the official Cost Benefit Analysis of the new Brenner Basis Tunnel project** (On. Riccardo Fraccaro 2014).
- **Study for the connection of Bergamo airport with a remote parking** (SACBO, February – March 2014)
- **Scientific supervision for the development of economic assessment tools for Emilia Romagna road network investments** (Andrea Debernardi Studio META Planning, for Regione Emilia Romagna. January 2013 – February 2014).
- **Legal consultancy on truck fuel economy** (Alberio SpA. October, 2013)
- **Legal consultancy on regulation of essential facilities in Milan airports** (Aviapartner Handling S.p.A. April – October 2012).
- **Legal consultancy on regulation of essential facilities in Turin airport** (Aviapartner Handling S.p.A. January – March 2012).
- **Legal consultancy on airport handling operations** (Studio Legale Avvocato Massimo Giordano, Roma. 2012).
- **Consultancy for the entrance of a new cargo handler in Milan Malpensa airport** (BETA-Trans S.p.A. January – May 2011)
- **Scientific support for the research “Innovative tools for transport infrastructure financing”** (Fondazione ResPublica. February – May 2010).

Name and address of employer

until 2012:

Dipartimento di Architettura e Pianificazione (DiAP)
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)

since 2013:

Dipartimento di Architettura e Studi Urbani (DAStU)
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)

- Dates April 2008 – July 2008 and September 2008 – December 2008
Occupation or position held **Consultant**
Main activities and responsibilities Responsible of the following research activity:
 - **Analysis of innovative financing mechanisms for Milan metro system.**
 - **Theoretical and practical definition of a Cost Benefit Analysis model for the 2015-2025 Milan Metro plan.**
Name and address of employer AMA Agenzia Mobilità e Ambiente
Milan Municipality
Piazza Beccaria, 20100 Milan (Italy)
- Dates August 2008 – December 2008 (anticipate end)
Occupation or position held **Research Fellow**
Main activities and responsibilities Title: *Performance, rendite ed effetti distributivi dei grandi progetti di trasporto*
Completed researches and projects
 - **Transport megaprojects assessment in Italy and Europe.** Results published.
 - **Efficiency and governance models of Lombardia public transport system.** (ANAV Lombardia – November 2008).
 - **The relationships of the new Pedemontana highway on public transport, logistics and land use** (Pedemontana S.p.A. March – October 2008).
Name and address of employer Dipartimento di Architettura e Pianificazione
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)
- Dates March 2005 – February 2008
Occupation or position held **PhD Student**
Main activities and responsibilities Independent research on the topic of assessment and decision making of transport megaprojects.
Dissertation title: "*The megaprojects' issue. Evaluation, policies and decision making of large transport infrastructures*". Tutors Prof. Stefano Moroni, Prof. Marco Ponti
during the PhD: June 2007 – December 2007
Visiting scholar at IWW, Karlsruhe, Institut für Wirtschaftspolitik und Wirtschaftsforschung, Karlsruhe University (Karlsruhe, Germany).
Research activity on air transport and airport investments.
- Name and address of employer School of Doctoral Programmes
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)
- Dates April 2006 – December 2007
Occupation or position held **Research collaborator**
Main activities and responsibilities Completed researches and projects
 - FP6 European Research Programme **EVA TREN** (Improved Decision-Aid Methods And Tools To Support EVAluation Of Investment For TRansport And Energy Networks In Europe).
 - FP6 European Research Programme **TRIAS** (Sustainability Impact Assessment of Strategies Integrating Transport, Technology and Energy Scenarios)
Name and address of employer TRT Trasporti e Territorio
Via Rutilia 8
Milan (Italy)
- Dates March 2005 – February 2008
Occupation or position held **Research collaborator**

- Main activities and responsibilities Completed researches and projects
- **Transport megaprojects; examination of common patterns for a sample of Italian feasibility studies and cost benefit analyses.** (self funded research. 2006 – 2007). Results published.
 - **Transport services and infrastructures regulation in relation with the liberalisation process** (PRIN fund. Italian Ministry of Education MIUR. In cooperation with a network of Italian universities, team leading Firenze University – Firenze, I. November 2004 – December 2006). Results published.
 - **Cost Benefit Analysis for different infrastructural scenarios concerning the rail line Milano – Asso across the city of Seveso.** (Le Nord S.p.A. January – April 2008).
 - **Preparation of a deliverable about the assessment of Italian infrastructure projects.** (Commissione Tecnica Finanza Pubblica. March – May 2008). The report has been published and included in the Spending Review 2008 of the Ministry of Economy.
 - **Expert advices concerning the Italian national Railways (Ferrovie dello Stato) industrial plan 2007-2011 and the national Road Agency (ANAS) industrial plan 2007-2052.** (Commissione Tecnica Finanza Pubblica. July – September 2007).
 - **Expert advice concerning the assessment of the regulation (price-cap) scheme of the Italian motorway network. Definition of new regulatory schemes and strategies** (Minister of Transport. January 2007).
 - **Model for financial viability of alternative transport systems. Use of the model for the simulation of 14 municipalities in Milan area.** (Agenzia Mobilità e Ambiente. December 2006 – November 2007).
 - **Consultancy** contracts for Agenzia Mobilità e Ambiente (2005 – 2006) on:
 - calibration of the model for public transport planning of Milan Municipality network
 - setup of the simulation model of school services;
- Other projects
- **support for the Cost Benefit Analysis for the Rome – Latina new motorway** (Studio Ciocia. January – February 2008).
 - **The accessibility issues of an estate located in Rovereto.** (TN, Italy). (November 2006).
 - Analysis of the Mobility Aspects Aimed to the Preliminary Documents of the Province of Vicenza Territorial Plan. Subcontract: **the environmental aspects** (Province of Vicenza. June 2005 – January 2006).

Name and address of employer Dipartimento di Architettura e Pianificazione
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)

Dates May 2004 – February 2005

Occupation or position held **Research Fellow**

Main activities and responsibilities Title: *Analisi economica e pianificazione di reti di trasporto urbane*
Completed researches and projects

- **European comparison on shared financing in transport infrastructures between the government, local administrations, European Union and public/private operators** (TDIE – Paris, France. 2004).
- **Examination of Environmental Impact Assessment of “Legge Obiettivo” infrastructural projects.** (CESI, and Italian Ministry of Environment. 2004).
- **Consultancy** contracts for Agenzia Mobilità e Ambiente (2004 – 2005) on:
 - development of the new model for public transport planning of Milan Municipality network
 - project of traditional and alternative transport systems
 - economical assessment of transport projects.

Name and address of employer Dipartimento di Architettura e Pianificazione
Politecnico di Milano
via Bonardi 3, 20133 Milan (Italy)

Dates 2003

Occupation or position held **Research collaborator**

Main activities and responsibilities Completed researches and projects

- FP5 European Research Programme **FUERO**. Research task “*Technical and economical analysis of fuel cell traction system in automotive sector*”

Name and address of employer Centro Ricerche FIAT
Orbassano (TO, Italy)

Dates 2001

Occupation or position held **Collaborator**

Main activities and responsibilities Design of traffic measurements.

Name and address of employer REDAS S.r.l.
Sondrio (Italy)

Education and training

Dates March 2005 – February 2008

Title of qualification awarded **PhD in Urban Projects and Policies**

Principal subjects / occupational skills covered Dissertation title: "*The megaprojects' issue. Evaluation, policies and decision making of large transport infrastructures*". Tutors Prof. Stefano Moroni, Prof. Marco Ponti

Name and type of organisation providing education and training Politecnico di Milano
Milan (Italy)

Dates 2003

Title of qualification awarded **professional qualification in Civil Engineering.**
Mark 96/100

Name and type of organisation providing education and training I section 2003, at Milan Politecnico University.
Milan (Italy)

Dates September 1997 – April 2003

Title of qualification awarded **Laurea quinquennale** (five-years-degree, equivalent to B.Sc. & M.Sc.) in **Civil Engineering, specialisation Transport**

Principal subjects / occupational skills covered mark: 95/100.
Stage at FIAT Research Center in Orbassano, Turin.
Dissertation title: "*Fuel cell rail traction: economic and environmental comparison with traditional traction*" (in Italian). Tutor: prof. Marco Ponti.

Name and type of organisation providing education and training Politecnico di Milano
Milan (Italy)

Dates July 1997

Title of qualification awarded **Scientific degree**

Principal subjects / occupational skills covered mark: 58/60.

Name and type of organisation providing education and training Liceo Scientifico Statale B.Russell
via Gatti 16, Milan (Italy).

Publications

Books, collective books, chapters on books

Beria P., Niemeier H.-M., Fröhlich K. (2013). *How liberalization can go wrong: The case of Alitalia*. In: Forsyth P., Gillen D., Huschelrath K., Niemeier H.-M., Wolf H. (2013), *Liberalization in Aviation. Competition, Cooperation and Public Policy*. Ashgate. ISBN 978-1-4094-5090-0

Ponti M., Beria P., (2012), *La regolazione dei trasporti in Italia: stato e prospettive*. In: Società Libera (2012). *Liberalizzazioni: è vera svolta?. Decimo rapporto*. Società Libera. Milano (Italy).

Beria P. (2012). *I grandi progetti di trasporto, tra retorica e necessità reali*. In: Grimaldi R. (2012). *C'è luce in fondo al tunnel? Analisi e spunti sulle politiche infrastrutturali ferroviarie alpine*. Maggioli Editore, Santarcangelo di Romagna (Italy).

Beria P., Ponti M. (2007), *Introduzione ai sistemi di trasporto*, Pitagora, Bologna (Italy).

Ponti M., Beria P., Erba S. (2007), *Una politica per i trasporti italiani*, Laterza, Roma/Bari (Italy).

- Guest editor on special Issues Beria, P., Ramella, F., & Laurino, A. (2015). Motorways economic regulation: A worldwide survey. *Transport Policy*, 41(2015): 1-4
- Journal articles, peer reviewed Beria, P., Debernardi, A., Grimaldi, R., Ferrara, E., Laurino, A., & Bertolin, A. (2015). From infrastructure to service: mapping long-distance passenger transport in Italy. *Journal of Maps*, (2015), 1-9.
- Beria, P., Ponti, M., & Ramella, F. (2015). Introduction: Economic regulation of transport infrastructure, theory and practices. *Transport Policy*, 41(2015): 23-32
- Laurino A., Ramella F., Beria P. (2015). The economic regulation of railway networks: A worldwide survey. *Transportation Research Part A* 77 (2015) 202–212.
- Laurino A., Beria P. (2014). Low-cost carriers and secondary airports: Three experiences from Italy. *Journal of Destination Marketing & Management*, No. 3(2014): 180–191. Doi: 10.1016/j.jdmm.2014.05.001
- Grimaldi R., Beria P., Laurino A. (2014). A Stylised Cost Benefit Model for the Choice Between Bus and Light Rail. *Journal of Transport Economics and Policy*, Volume 48, Part 2, May 2014, pp. 219–239.
- Mariotti I., Beria P., Laurino A. (2013). Car sharing peer-to-peer: un'analisi empirica sulla città di Milano. *Rivista di economia e politica dei trasporti* (2013), n° 3, articolo 5, ISSN 2282-6599.
- Beria P., Grimaldi R., Ponti M. (2012). Comparison of social and perceived marginal costs of road transport in Italy. *Economics and Policy of Energy and the Environment*, No. 2/2012: 85-112. Doi: 10.3280/EFE2012-002005
- Beria P., Giove M., Miele M.F. (2012). Economic assessment of transport investments. A comparative analysis of approaches from six European countries. *International Journal of Transport Economics*. Vol. xxxix, No. 2: p. 185-217.
- Beria P., de Rus G., Quinet E., Schulz C. (2012), A comparison of rail liberalisation levels across four European countries. *Research in Transport Economics*. Vol. 36, No. 1: 110-120. Doi:10.1016/j.retrec.2012.03.014.
- Beria P., Ponti M. (2012). Public funding in the Italian transport sector. A roadmap for policy-makers. *Economia e Politica Industriale - Journal of Industrial and Business Economics*. Vol. 40, No. 3: 137-169. Doi: 10.3280/POLI2012-003008
- Beria P., Maltese I., Mariotti I. (2012). Multicriteria versus Cost Benefit Analysis: a comparative perspective in the assessment of sustainable mobility. *European Transport Research Review*. No. 4 (2012): 137-152. DOI: 10.1007/s12544-012-0074-9
- Beria P., Grimaldi R. (2011). An Early Evaluation of Italian High Speed Projects. *TeMA. Journal of Land Use, Mobility and Environment*, Vol 4, No.3, 15- 28.
- Beria P., Niemeier H.-M., Fröhlich K. (2011). "Alitalia – The failure of a national carrier", *Journal of Air Transport Management*, No. 17(2011), 215-220. doi: 10.1016/j.jairtraman.2011.02.007
- Beria P., Scholz A. (2010), "Strategies and pitfalls in the infrastructure development of airports: A comparison of Milan Malpensa and Berlin Brandenburg International airports", *Journal of Air Transport Management*, No. 16(2010). doi:10.1016/j.jairtraman.2009.10.004
- Beria P., Ponti M. (2009), "Lo stato della regolazione dei trasporti in Italia", *Economia dei Servizi*, Anno IV, No. 3, 465-484. DOI:10.2382/31044.
- Scholz A., Jochem P., Ott A., Beria P. (2008), "Single European Sky and its impacts on CO₂ emissions", *Airlines Magazine*, No. 41, June 2008. Pdf available at journal website: http://www.aerlines.nl/issue_41/41_Scholz_SESAR_CO2.pdf
- Beria P. (2007), "Transport megaprojects in Italy. A comparative analysis of economic feasibility studies into EIA", *European Transport*, Year XXI, No. 36, p. 27-46.
- Journal articles, not peer reviewed Beria P., Boitani A. (2015) "Privatizzare le Ferrovie dello stato: quali strade possibili". *LaVoce.info*, 06/02/2015.
- Beria P., Grimaldi R., Ramella F. (2014) "Tav e grandi opere: non è solo un problema di costi". *LaVoce.info*, 17/11/2014.
- Beria P. (2014) "Italo al capolinea sarebbe un fallimento per tutti". *LaVoce.info*, 28/11/2014.
- Beria P., Grimaldi R. (2014) La valutazione economica dei Piani Urbani della Mobilità Sostenibile. Il caso di Milano. *Rivista di Economia e Politica dei Trasporti* 2014(3).
- Beria P., Ponti M. (2013). "Quando l'analisi economica che dice sempre di sì". *LaVoce.info*, 11/01/2013.

- Beria P., Grimaldi R., Ponti M. (2013). "Chi paga i costi del traffico". *LaVoce.info*, 18/01/2013.
- Beria P. (2012). "Così cambia la TAV Torino - Lione". *LaVoce.info*, 16/03/2012.
- Beria P., Borlini A., Maja R. (2011). "Il nuovo tram di Bergamo. Una valutazione ex-post". *Territorio*. Vol 59/2011, 30- 37
- Beria P. (2011). "Trasporti guidati dai luoghi comuni". *LaVoce.info*, 6/09/2011.
- Beria P., Grimaldi R., Ponti M. (2010) "Nel tunnel dell'Alta Velocità", *LaVoce.info*, 14/07/2010.
- Beria P., Ramella F. (2010), "Nuove metropolitane, vecchi abbagli", *LaVoce.info*, 29/01/2010.
- Beria P. (2010), "Il sistema ferroviario regionale. Alla lombarda", *Territorio*, No. 54(2010).
- Beria P. (2009), "Aeroporti sempre più ricchi", *LaVoce.info*, 06/11/2009.
- Beria P. (2008), "Book review: Road Congestion Pricing in Europe. Implications for the United States", *Planum*, on line version: <http://www.planum.net/document-5>
- Ponti M., Beria P. (2008), L'adeguatezza del sistema aeroportuale del Nord Italia. *Impresa & Stato*, No. 82/2008: 30-33, Milan (Italy). <http://www.mi.camcom.it/web/guest/indice-n.-82/2008>
- Ponti M., Beria P. (2008). Alitalia e Malpensa, difesa dell'offerta o della domanda?. *Consumatori Diritti e Mercato*, No. 2(2008): 115-124. <http://www.altroconsumo.it/nt/nc/articoli/alitalia-e-malpensa-difesa-dell-offerta-o-della-domanda-consumatori-diritti-e-mercato-8>
- Ponti M., Beria P. (2008) "Una grande opera. Tutta da valutare", *LaVoce.info*, 27/05/2008.
- Ponti M., Beria P. (2007) "La rotaia arrugginita e il vagone del futuro", *Il Mulino*, No. 6, p. 1028-1041.
- Beria P. et al. (2006), "Dottorandi in rete: esperienze e riflessioni a confronto", *Territorio*, No. 37, 149-160, Franco Angeli, Milano (Italy).
- Beria P. (2004), "Assessing the assessment" (in Italian), *Trasporti e Territorio*, No. 4, 188-189, Milan (Italy). In the same issue also a short article on Istanbul city.
- Beria P. (2003), "L'uso dell'idrogeno in ferrovia: un'analisi economica e ambientale", *Trasporti e Territorio*, No.3, 111-120, Milan (Italy).
- Conference proceedings Beria P., Grimaldi R., (2014) *Cost Benefit Analysis to assess urban mobility plans. Perspectives of integration with transport models*. XVI SIET Conference, Florence – October 8-10, 2014.
- Ramella F., Laurino A., Beria P., (2014) *Railways economic regulation: a worldwide survey*. XVI SIET Conference, Florence – October 8-10, 2014.
- Beria P., Redondi R., Malighetti P. (2014) *The effect of open access rail competition on average prices. The case of Milan – Ancona*. XVI SIET Conference, Florence – October 8-10, 2014.
- Grimaldi R., Beria P., (2013). *Open issues in the practice of cost benefit analysis of transport projects*. Selected Proceedings of the 13th WCTR Conference, Rio de Janeiro (BR).
- Beria P., Boggio M. (2013). *The role of transport supply in the acceptability of pollution charging extension. The case of Milan*. General Proceedings of the 13th WCTR Conference, Rio de Janeiro (BR).
- Laurino A., Beria P., (2013). *The Italian air market: an analysis of the current context*. General Proceedings of the 13th WCTR Conference, Rio de Janeiro (BR).
- Laurino A., Grimaldi R., Beria P., (2013). *Carsharing in Italy: Milan's experiences between traditional and innovative proposals*. General Proceedings of the 13th WCTR Conference, Rio de Janeiro (BR).
- Beria P., Grimaldi R., Laurino A. (2013). *Long distance coach transport in Italy: state of the art and perspectives*. General Proceedings of the 13th WCTR Conference, Rio de Janeiro (BR).
- Beria P., Laurino A. (2013). *Air transport and events in a big city: relations and implications for Milan's airports*. Proceedings of the 17th ATRS Conference, Bergamo (IT).
- Mariotti I., Beria P., Laurino A. (2013). *Investigating the determinants of a Peer-to-peer carsharing. The case of Milan*. Online proceedings of XV SIET Conference, Venezia, Italy, 18-20 September 2013.
- Beria P., Mariotti I., Maltese I., Boscacci F. (2013). *The effects of road pricing on travel behaviour. The case of Milan*. Online proceedings of XV SIET Conference, Venezia, Italy, 18-20 September 2013.
- Beria P., Grimaldi R. (2013). *Appraising the benefits of bottleneck removal in rail transport: a simplified CBA approach and a case study in North-eastern Italy*. Online proceedings of XV SIET Conference, Venezia, Italy, 18-20 September 2013.

- Beria P., Maggi E., Maltese I. (2012). *Impacts of low-cost carriers on airport and tourist destinations: the case of Pescara*. Online proceedings of XIV SIET Conference, Bari, Italy, 28-30 June 2012.
- Beria P., Boggio M. (2012). *The role of transport supply in the acceptability of pollution charging extension. The case of Milan*. Online proceedings of XIV SIET Conference, Bari, Italy, 28-30 June 2012.
- Beria P., Maltese I., Mariotti I. (2011). *Comparing cost benefit and multi-criteria analysis: the evaluation of neighbourhoods' sustainable mobility*. Paper presented at SIET Conference, 16-17th June 2011, Messina (IT).
- Beria P., Maltese I., Mariotti I. (2011). *Multicriteria and Cost Benefit Analysis in assessing sustainable mobility*. Proceedings of SIET Conference, 16-17th June 2011, Messina (IT).
- Beria P., Giove M., Croccolo F., Carrano N., Salza A., Napolitano R. (2011). *A comparative analysis of assessment approaches. Six cases from Europe*, paper presented at the Workshop "Contemporary Issues in CBA in the Transport Sector", March 16, 2011, KTH - Center for Transport Studies, Stockholm (Sweden).
- Debernardi A., Grimaldi R., Beria P. (2011). *Cost benefit analysis to assess modular investment: the case of the New Turin-Lyon Railway*, paper presented at the Workshop "Contemporary Issues in CBA in the Transport Sector", March 16, 2011, KTH - Center for Transport Studies, Stockholm (Sweden).
- Beria P., de Rus G., Quinet E., Schulz C. (2010). *A comparison of rail liberalisation levels across four European countries*, Selected Proceedings of the 12th WCTR Conference, Lisbon (PT). http://www.wctr2010.info/WCTR_Selected/default.htm.
- Beria P., Ponti M., Laurino A. (2010). *A proposal for a world database on transport infrastructure regulation*, General Proceedings of the 12th WCTR Conference, Lisbon (PT).
- Grimaldi R., Beria P. (2010). *Unconventional factors of efficiency in public transport. A case study and theory*, General Proceedings of the 12th WCTR Conference, Lisbon (PT).
- Laurino A., Beria P., Grimaldi R., (2010). *Financing transport infrastructure projects in Italy: a critical analysis of the main approaches*, General Proceedings of the 12th WCTR Conference, Lisbon (PT).
- Scopel E., Beria P. (2010). *Aspetti concettuali della variabile tempo nei meccanismi di cattura del valore*. Paper presented at the XII "Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica" (SIET), Roma (Italy), 17-18 giugno 2010.
- Grimaldi R., Laurino A., Beria P. (2010). *The choice between bus and light rail transit: a stylised cost-benefit analysis model*, paper presented at the XII "Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica" (SIET), Roma (Italy), 17-18 giugno 2010. Available as MPRA Paper No. 24872, <http://mpa.ub.uni-muenchen.de/24872/>
- Beria P., Grimaldi R. (2010). *The impact of regulatory aspects on economies and diseconomies of scale in bus industry*, in Borruso G., Danielis R., Musso, E. (2010), *Trasporti, logistica e reti di imprese. Competitività del sistema e ricadute sul territorio*. Franco Angeli, Milano (Italy).
- Beria P., Ponti M. (2009). *The role of regulation in financing highway infrastructure in Italy*, in Marletto G., Musso E. (2009), *Trasporti, Territorio e Ambiente. La ricerca di un nuovo equilibrio*, Franco Angeli, Milano (Italy), 102-108.
- Beria P. (2009). *Agents' behaviour in financing Italian transport infrastructures*, in Füsün ÜLENGİN (2009, edited by), *Research in Transport and Logistics on a regional-global perspective*, Dogus University Publications, Istanbul (Turkey), 359-366.
- Beria P., Scopel E. (2009). *Financing methods applied to urban infrastructures. An application to Milan metro system*, paper presented at 8th Conference on Applied Infrastructure Research (INFRADAY), Berlin (DE), 9-10 October, 2009. Available at: <http://www.infraday.tu-berlin.de/index.php?id=2889>
- Beria P., Ponti M. (2009). *Regulation of investments on transport infrastructures in Italy*, 2nd Annual Conference of Competition and Regulation in Network Industries, Brussels, Belgium, November 20, 2009. Available at: <http://www.jcrni.org/extranet/index.php>
- Beria P., Niemeier H-M. (2009). *Alitalia – the political economy of a failing national carrier*, paper presented at the 13th Annual world conference Air Transport Research Society (ATRS), Abu Dhabi, June 27-30, 2009.
- Beria P., Grimaldi R. (2009). *Some evidences of diseconomies of scale in bus industry*, paper presented at the XI Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica (SIET), Trieste (Italy), 15-18 giugno 2009.
- Beria P., Scholz A. (2008). *Strategies for infrastructural development of airports. A comparison*

between Milan Malpensa airport and Berlin Brandenburg International airport, paper presented at the "2008 Annual Air Transport Research Society (ATRS) World Conference", Athens, 6-10 July 2008.

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Ott A., Scholz A., Jochem P. and Beria P. (2007), *Single European Sky and its impacts on CO2 emissions*, GARS Workshop "Aviation and the Environment", Köln (Germany). Available at www.garsonline.de

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Beria P. (2006), *Riflessioni sulla valutazione ex-post dell'esperienza delle Agenzie di Sviluppo Locale*, AIV 2006 conference, Genova (Italy). Soon available at <http://www.valutazioneitaliana.it/>

Beria P. (2006), "L'approccio Analisi Costi Benefici per la valutazione economico-ambientale di opzioni tecnologiche nella sostituzione di flotte nazionali", in Polidori G et al. (2006), *I trasporti e l'Europa. Politiche, infrastrutture, concorrenza*, Franco Angeli, Milano (Italy).

Beria P. (2005), *Effectiveness of Mobility Limitation Policies Against Long Term Approaches in Reduction of Emitted Pollutants. The Case of Milan Area*, AESOP 2005 conference, Wien (Austria). Paper published only electronically: http://aesop2005.scix.net/cgi-bin/papers/Show?_id=247

Brambilla M., Beria P., Erba S. (2004), *The Italian expenditure in transport infrastructure: a survey*. Paper presented at the workshop "Highways", Bergamo (Italy), November, 27 2004. The file is available at: <http://dinamico.unibg.it/highways/paper/brambilla.pdf>

Beria P. (2004), *Economical aspects of an electrification process of a train with fuel cells – an application to sardinian lines*, in Marini M., Spazzafumo G. (2004), *Hydrogen power theoretical and engineering solutions*, SGE Editoriali, Padova (Italy).

Research deliverables

Beria P., Grimaldi R., Laurino A. (2012). *Il trasporto passeggeri su autobus per le lunghe distanze. Confronto modale, benefici e prospettive future*. ANAV, Roma (Italy).

AAVV (2011). *Studio comparato sui metodi internazionali di valutazione preventiva delle opere pubbliche dal punto di vista della fattibilità tecnico-economica*. Ministero delle Infrastrutture e dei Trasporti - Nucleo di Valutazione e Verifica degli Investimenti Pubblici (NVVIP).

Ponti M., Beria P. (2008), *Criteri e pratiche di selezione dei progetti infrastrutturali in Italia*, mimeo. Paper prepared for the Commissione Tecnica Finanza Pubblica (Ministry of Economy) and quoted in: Muraro G. et al. (2008), *La revisione della spesa pubblica. Rapporto 2008*, Ministero Economia e Finanze, Roma (Italy).

Various authors (2007), *State of the art – Methodologies to assess the impact of infrastructure projects in the Energy and the Transportation sector*, EVA TREN Deliverable 1, Karlsruhe (Germany).

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Other scientific products (thesis, working papers, didactical documents)

Beria P., Grimaldi R., (2014) *Cost Benefit Analysis to assess urban mobility plans. Consumers' surplus calculation and integration with transport models*. Munich Personal RePEc Archive. <http://mpra.ub.uni-muenchen.de/59590/>

Beria P., Grimaldi R., Debernardi A., Ferrara E., Laurino A. (2014). *Spatial and scenario analyses of long distance coach transport in Italy*. Munich Personal RePEc Archive. <http://mpra.ub.uni-muenchen.de/54739/>

- Beria P., Laurino A. (2014). *Carsharing peer-to-peer: propensity to share the personal vehicle in the city of Milan*. Munich Personal RePEc Archive. <http://mpra.ub.uni-muenchen.de/57379/>
- Beria P., Grimaldi R. (2013). *Appraising the benefits of bottleneck removal in rail transport: a simplified CBA approach*. Munich Personal RePEc Archive. <http://mpra.ub.uni-muenchen.de/46889/>
- Beria P. (2008), *Le ferrovie. Descrizione del settore ferroviario in Italia e in Europa*, TRASPOL Working Paper, Milano (Italy). Files available at: <http://www.traspol.polimi.it>
- Beria P. (2006), *Il trasporto pubblico locale*, TRASPOL Didactical Document, Milano (Italy). Files available at: <http://www.traspol.polimi.it>
- Beria P. (2005), *Costi sociali disaggregati delle emissioni dei mezzi stradali*. TRASPOL Working Paper, Milano (Italy). Files are available at: <http://www.traspol.polimi.it>
- Beria P. (2005), *Il ruolo e gli strumenti della valutazione. Analisi Costi Benefici e Analisi Multicriteria per la valutazione di progetti e politiche*, TRASPOL Didactical Document, Milano (Italy). Files available at: <http://www.traspol.polimi.it>
- Beria P. (2003), *La trazione ferroviaria a fuel cell: confronto economico e ambientale con i sistemi tradizionali*, thesis, Milan Politecnico University, Milano (Italy).
- Other contributions, not scientific
- Beria P. (2005), *La biblioteca del deserto*, Settepiù No. 7 (4 dicembre 2005), L'Adige, Trento (Italy).
- Beria P. (2004), *Voglia e paura d'Europa. In Turchia, da Istanbul alla Cappadocia: il gigante a noi vicino*, Settepiù No. 7 (19 marzo 2004), L'Adige, Trento (Italy).
- Beria P. (2002), *Castelli e monasteri di Transilvania*, Veneto Archeologico No. 93, Gruppi Archeologici del Veneto, Padova (Italy).

Teaching

- | | |
|--|--|
| Politecnico di Milano
(Milan, Italy) | <p>2011 – 2014: Professor in <i>Infrastructure Planning</i> (6 cfu, workshop), M.Sc. in Urban Planning and Policy Design (course in English), I Faculty of Architecture and Planning.</p> <p>2012 – 2014: Professor in <i>Economia dei Trasporti e Valutazione</i> (4 cfu), M.Sc. in Urban Planning and Policy Design (course in English), I Faculty of Architecture and Planning.</p> <p>2011 – 2012: Professor in <i>Valtuazione Economica di Progetti e Politiche</i> (4 cfu), M.Sc. in Urban Planning and Policy Design (course in English), I Faculty of Architecture and Planning.</p> <p>2010 – 2011: Professor in <i>Transportation Economics and Management</i> (8 cfu), M.Sc. in Urban Planning and Policy Design (course in English), I Faculty of Architecture and Planning.</p> <p>2009 – 2010: Professor in <i>Transportation Economics</i> (4 cfu), M.Sc. in Urban Planning and Policy Design (course in English), I Faculty of Architecture and Planning.</p> <p>2007 - 2009: Professor in <i>Sistemi ed economia dei trasporti</i> (10 cfu), B.Sc. in Transport Engineering, IV faculty of Engineering.</p> <p>2006 – 2007: Contract professor (Lecturer) of the module <i>Sistemi di trasporto</i> (5 cfu), B.Sc. in Transport Engineering, IV faculty of Engineering.</p> <p>2005 – 2006: Laboratory lessons of the module of <i>Sistemi di trasporto</i>, B.Sc. in Transport Engineering, IV faculty of Engineering – Prof. Marco Ponti</p> <p>2004 – 2005: Laboratory lessons of the module of <i>Fondamenti di economia</i>, B.Sc. in Civil Engineering, I faculty of Engineering – Prof. Marco Ponti.</p> <p>2003: Laboratory lessons for the course in <i>Fotogrammetria</i> – Prof. Bezoari at DIAR department.</p> |
| Politecnico di Milano e Ordine degli Ingegneri della Provincia di Milano | <p>2015: Direttore del Corso di Formazione Professionale su <i>La valutazione socio-economica dei trasporti</i> (10 cfp)</p> |
| Hochschule Bremen
(Bremen, Germany) | <p>2012: invited guest lecturer at the seminar course by Professor Peter Forsyth “<i>Cost Benefit Analysis in Transport</i>”</p> |
| Alta Scuola Politecnica
(Milan and Turin, Italy) | <p>2010 - ongoing: referee for the students' works.</p> <p>2009: Invited lecture on “<i>Sustainable Mobility</i>” at the Alta Scuola Politecnica Spring School 2009 - 5th cycle Global Change and Sustainability, Bardonecchia (To).</p> |
| IULM
(Milan, Italy) | <p>2008 – 2011: Contract professor (Lecturer) of the module <i>Economia dei Trasporti</i>, B.Sc. in Science of Tourism.</p> |
| Università degli Studi del Piemonte Orientale, Alessandria (Italy) | <p>2007 – 2009: Contract professor (Lecturer) of the module <i>Economia dei trasporti – applicazione di modelli teorici</i>, Master in Local Development.</p> |
| Page 10 / 12 - Curriculum vitae of Paolo Beria | <p>For more information on Europass go to http://europass.cedefop.europa.eu
© European Union, 2002-2010 24082010</p> |

- Others March 2013: **lecture** at Cross-sectoral PhD course on *Intelligent Transport Systems for Sustainable Mobility*.
- March 2011: 8 **seminar** hours on “road and rail transport” at the *Master in Multiutility Ambiente ed Energia*, Milano (Italy).
- October 2010: **seminar** on “air transport crises” at the *Summer School in “Aviation Management”*. Forlì (Italy).
- February 2008: 4 **seminar** hours on “infrastructure financing” at the *Master in Planning and Management of Logistic and Transportation System*, PerForm, Università degli Studi di Genova, Genova (Italy).
- May 2007: 6 **seminar** hours about local transport and transport planning at the *Master in Local Development*, Università degli Studi del Piemonte Orientale, Alessandria (Italy).

Conference speeches

- Invited speaker Brussels, 12 July 2012: public-private EU High Level Group (HLG) debate on intercity and long distance bus and coach regular lines in the EU (on behalf of International Road Transport Union IRU, in cooperation with the European Commission).
- Paris, 10th of October 2012: round table at the 20th Anniversary convention of the Fédération Nationale des Transports de Voyageurs.
- Milan, 3 July 2012: speech at the presentation of the Guide for the Economic Assessment of Investment Projects in the Transport sector.
- Milan, 6 June 2014: speech at the conference “Economic assessment of transport infrastructures, between errors and future perspectives” (co-organised conference TRASPOL – SIPOTRA).

Scientific boards and collaborations

- Boards of referee
- International Journal of Transport Economics (<http://www.libraweb.net/riviste.php?chiave=67>)
 - Economia dei Servizi (http://www.mulino.it/edizioni/riviste/scheda_rivista.php?issn=1970-4860)
 - Journal of Air Transport Management (<http://www.journals.elsevier.com/journal-of-air-transport-management/>)
 - Scienze Regionali (www.rivistasr.it/)
 - Tema. Journal of Land Use, Mobility and Environment (www.tema.unina.it/)
 - Built Environment Project and Asset Management (<http://www.emeraldinsight.com/products/journals/journals.htm?id=bepam>)
 - European Transport Research Review (<http://www.springer.com/engineering/civil+engineering/journal/12544>)
- Dates 2008 →
- Occupation or position held **Collaborator** of *laVoce.info* (<http://www.lavoce.info/lavocepuntoinfo/autori/-collaboratori/pagina892.html>)
- Dates 2009 →
- Occupation or position held **Management Board** of the SIG4 – TER, special interest group of the WCTR Society on Transport Economic Regulation (www.transregulation.org)
- Dates 2009 →
- Occupation or position held **Responsible** of the *Human Sciences* group inside the Scientific Committee of DiAP department, Politecnico di Milano
- Dates 2011 →
- Occupation or position held **Directional board** of ONLIT association (Osservatorio Nazionale delle Liberalizzazioni nelle Infrastrutture e trasporti)
- Dates 2011 → 2013
- Occupation or position held Part of the **board** of the Infrastructure Group of the American Chamber of Commerce in Italy.

Dates 2011 → 2013
Occupation or position held **Scientific Committee** of DiAP library, DiAP department, Politecnico di Milano.

Dates 2013 →
Occupation or position held Member of the **Management Board (“Giunta di Dipartimento”)** of DASTU department, Politecnico di Milano.

Dates 2015 → 2019
Occupation or position held Member of the **Management Committee (substitute) of Air Transport and Regional Development (ATARD)** COST Action (TU1408, http://www.cost.eu/COST_Actions/tud/Actions/TU1408).

Personal skills and competences

Other language(s)

Self-assessment
European level ()*

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production		
English	C1 Proficient user	C1 Proficient user	C1 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
French	B2 Independent user	B2 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user
Spanish / Castilian	B1 Independent user	A2 Basic User	A2 Basic User	A2 Basic User	A1 Basic User	A1 Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

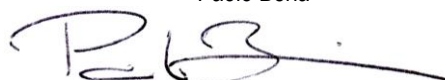
Organisational skills and competences International team work. Management of small research groups. Management of national research projects. Fund rising. Some commercial capabilities.

Computer skills and competences Office (advanced), Matlab (basics), Gis software (basics), Hyperplan (good)

Driving licence(s) B

Milano, 26/02/2015

Paolo Beria



Autorizzo espressamente il trattamento dei miei dati personali nel rispetto delle norme previste dal D.Lgs. 196/2003

Paolo Beria

