

# Europass curriculum vitae

## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

E-mail(s)

Nationality(-ies)

Date of birth

Gender

**Carotenuto Pasquale**

Mobile:

Italian

## Occupational field

**Technologist (Researcher) on:**

**1. Transportation and Logistics**

**2. Discrete Events Simulation of Production and Service Systems**

**3. Operational Research**

## Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Since May 2010 to now

First Technologist

Research, research projects management and technological support.

National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome  
19, Via dei Taurini - 00185 Rome

Research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Since May 2006 to 2009

Technologist

Research, research projects management and technological support.

National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome  
19, Via dei Taurini - 00185 Rome

Research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Year 2016 to now

Scientific Leader

Call Project "Research Grants 2016" - scientific research projects in the areas of passenger transport, freight and logistics, and sustainable mobility for the award of 10 "research grants" to be devoted to young scientists / researchers - Winner of one of the 10 research grants with the project entitled "Flexible transport services for the last mile in a coordinated and multimodal transportation system". Scientific head of the project.

Fondazione Banca Nazionale delle Comunicazioni  
20, Via di Villa Albani - 00198 Rome

Research

Dates	Year 2013 to now
Occupation or position held	Scientific Leader
Main activities and responsibilities	Scientific Leader of the CNR-IAC Research Unit in the Research Project of Relevant National Interest (PRIN 2012 project) "DIEM-SSP, Disasters and Emergencies Management for Safety and Security in industrial Plants"" (Grant of the Ministry of Education, University and Research grant - MIUR - Decree of 8 November 2013 n. 2,120)
Name and address of employer	National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome 19, Via dei Taurini – 00185 Rome
Type of business or sector	Research
Dates	Year 2013
Occupation or position held	Industrial Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for several industrial research project in the POR FESR 2007-2013 program financed by FILAS Lazio (financial agency of Lazio Region, Italy).
Name and address of employer	FI.L.A.S.-Società Finanziaria Laziale di Sviluppo – via della Conciliazione, 22 – 00193 Roma.
Type of business or sector	Research
Dates	Year 2013
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for several research project in the program "Futuro in Ricerca 2013" financed by Ministry of Education, University and Research of Italy (MIUR).
Name and address of employer	Ministero dell'Istruzione, dell'Università e della Ricerca – Viale Trastevere, 76/a – 00153 ROMA.
Type of business or sector	Research
Dates	Year 2010
Occupation or position held	Scientific Leader
Main activities and responsibilities	Scientific Leader of the CNR-IAC Research Unit in the research project "AQUASER Project: optimize the transfer of sewage sludge and organic waste from water treatment plants to composting plants" (IAC-Consorzio INNOVA)
Name and address of employer	Consiglio Nazionale delle Ricerche Dipartimento Energia e Trasporti – Piazzale Aldo Moro 7 – 00185 Roma
Type of business or sector	Research
Dates	Since February 2009
Occupation or position held	CNR Delegate
Main activities and responsibilities	Appointed CNR delegate for "Committee for the arrangement of the technical norms in the road sector of the Infrastructures and the Transports Office" –Appointment of Energy and Transport CNR-Department prot. DET83/varie/09 del 9/2/2009
Name and address of employer	National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome 19, Via dei Taurini – 00185 Rome
Type of business or sector	Research
Dates	Since July 2007 until 2010
Occupation or position held	Scientific Committee Member
Main activities and responsibilities	Scientific Committee Member of the NUBADI ATS for the NU.BA.DI Project "New areas of employment" appointed by the Director of Istituto per le Applicazioni del Calcolo "M. picone" prot. n. 0000748 del 17/07/2007
Name and address of employer	National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome 19, Via dei Taurini – 00185 Rome
Type of business or sector	Research
Dates	Year 2008

Occupation or position held	Scientific Leader
Main activities and responsibilities	Scientific Leader of the CNR-IAC Research Unit in the research project "GeneticDaRP: Dial a ride transport system based on genetic algorithms an insertion heuristics" (IAC-Pluservice)
Name and address of employer	National Research Council - Istituto per le Applicazioni del Calcolo "M. Picone" of Rome 19, Via dei Taurini – 00185 Rome
Type of business or sector	Research
Dates	Since August, 2002 until December 2010
Occupation or position held	Expert
Main activities and responsibilities	Inserted in the Project Referee list of MIUR - Ministry of Education, University and Research - of under art. 7, paragraph 1, of the legislative decree July 27, 1999, n. 297.
Name and address of employer	Ministry of Education, University and Research Viale Trastevere 76/a - 00153 Roma
Type of business or sector	Research
Dates	Years 2008/09; 2009/2010; 2010/2011; 2011/2012; 2012/2013; 2013/14
Occupation or position held	Contract Professor
Main activities and responsibilities	Course on "Design and Simulation of Production and Service Systems" (5/10 cfu until2010/11; 3/9 cfu until 2013/14) second level Degree in Management Science
Name and address of employer	Università di Roma "Tor Vergata" Dipartimento di Ingegneria dell'Impresa – viale del Politecnico 1 - 00133 Roma
Type of business or sector	Academic Teaching
Dates	Year 2008/09; 2009/2010, 2010/2011; 2011/2012
Occupation or position held	Contract Professor
Main activities and responsibilities	Course on "Computer Science" (9 cfu), first level Degree in Statistics and Economy
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	Years 2002/03; 2003/04; 2004/05, 2005/06; 2006/07; 2007/08
Occupation or position held	Contract Professor
Main activities and responsibilities	Course on "Design and Simulation of Service Systems" (5 cfu), second level Degree in Management Science
Name and address of employer	University of Rome "Tor Vergata" Department of Enterprise engineering– viale del Politecnico 1 - 00133 Rome
Type of business or sector	Academic Teaching
Date	Years 2004/05, 2005/06; 2006/07; 2007/08
Occupation or position held	Contract Professor
Main activities and responsibilities	Course on "Introduction to Computer Science and Computer Science " (7 cfu), first level Degree in Statistics and Economy
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	Year 2003/04
Occupation or position held	Contract Professor
Main activities and responsibilities	Course on "Computer science" (4 cfu), first level Degree in Statistics and Economy
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	Year 2007/2008
Occupation or position held	Professional appointment

Main activities and responsibilities	Teaching in the IFTS course "High technician on Supply Chain Integrated Management" financed by Lazio Region and European Union, course module on "Project Work: logistics"
Name and address of employer	Accademia Informatica S.r.l. - Viale Città d'Europa, 39 - 00144 Roma
Type of business or sector	Teaching
Dates	Year 2007/2008
Occupation or position held	Professional appointment
Main activities and responsibilities	Teaching in the IFTS course "High technician in the Integrated Logistics" financed by Lazio Region and European Union, course module on "Business Process Re-Engineering"
Name and address of employer	Sediin s.p.a. Via Icilio, 14 - 00153 Roma
Type of business or sector	Teaching
Dates	Year 2007/2008
Occupation or position held	Professional appointment
Main activities and responsibilities	Teaching in the "Course of specialization for the activity of employee to the supply chain: logistics and supply" course module in "Software applications and basics on computer science" financed by the Lazio Region.
Name and address of employer	ADACI – Italian association on Supplying Management - Viale Ranzoni, 17 - 20149 Milan
Type of business or sector	Teaching
Dates	Years 2005/2006, 2006/2007, 2008/2009
Occupation or position held	Contract Professor
Main activities and responsibilities	Teaching within the Master on "Management of the sustainable mobility", course: "The Phenomenon: Actors, Models, Data and Analysis".
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	Year 2005/2006
Occupation or position held	Contract Professor
Main activities and responsibilities	Teaching within the Master on "Engineering of the networked systems"
Name and address of employer	University of Rome "Tor Vergata" Department of Enterprise engineering– viale del Politecnico 1 - 00133 Rome
Type of business or sector	Academic Teaching
Dates	Years 2001/2002, 2002/2003, 2003/2004, 2004/2005, 2005/2006
Occupation or position held	Contract Professor
Main activities and responsibilities	Integrative teaching to the course of "Database"
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	Years 2003/2004, 2004/2005, 2005/2006, 2006/2007
Occupation or position held	Tutor
Main activities and responsibilities	Teaching support within the Master of first level in "Statistic for the Informative Systems Management" "
Name and address of employer	University of Roma "La Sapienza" - Faculty of Statistics - P.le Aldo Moro 5 - 00185 Rome
Type of business or sector	Academic Teaching
Dates	2003
Occupation or position held	Professional appointment
Main activities and responsibilities	Teacher in the IFTS Regional Course "Integrated logistics for the maintenance of technologically advanced repairable systems" financed by the Lazio Region. Course module on "Management of transportation systems"
Name and address of employer	High school Istituto Tecnico Industriale Statale "Enrico Fermi" - Via Cesare Minardi - 00044 Frascati

	(Roma)
Type of business or sector	Teaching
Dates	Since December 2001 until December 2006
Occupation or position held	Technologist
Main activities and responsibilities	Research, research projects management and technological support.
Name and address of employer	National Research Council – Institute of Industrial Technologies and Automation of Milano 20/A, Viale Lombardia – 20131 Milano
Type of business or sector	Research
Dates	Since July 2001
Occupation or position held	Scientific leader
Main activities and responsibilities	Scientific leader of the operational unit CNR-ITIA for the research project "The telematic support in the distribution networks"(CNRC00AF27_003, 2001).
Name and address of employer	National Research Council 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	Since January 2000 until December 2001
Occupation or position held	Technologist
Main activities and responsibilities	"Research activity and management of ongoing or next activation project to European level; technological transfer of the results achieved in the projects developed by the ITIA; management of a territorial informative network to support the working group activities joint to the institute and displaced on the national territory, so that to allow an easier and effective interconnection among the groups."
Name and address of employer	National Research Council – Institute of Industrial Technologies and Automation of Milano 20/A, Viale Lombardia – 20131 Milano
Type of business or sector	Research
Dates	1999
Occupation or position held	Professional appointment
Main activities and responsibilities	Teaching in the course "Planner and manager of the local public transport and info mobility "
Name and address of employer	ALFOR-CGIL – via Buonarroti,12 – 00185 Roma
Type of business or sector	Training
Dates	1999
Occupation or position held	Professional appointment
Main activities and responsibilities	Course manager. Title: " Planner and manager of the local public transport and info mobility"
Name and address of employer	ALFOR-CGIL – via Buonarroti,12 – 00185 Roma
Type of business or sector	Training
Dates	1997 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "A methodology of accidents analysis in relationship to single-hit points of the road layout", executed by Elasis S.C.p.A., contract n° 97.00363.PF74
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	1997 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Operations system aid and decisions support to the urban traffic control system operators", executed by Softeco Sismat S.p.a., contract n° 97.00316.PF74
Name and address of employer	National Research Council – Special Project on Transportation Research

Type of business or sector	7, Piazzale Aldo Moro – 00185 Roma Research
Dates	1997 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Mathematical model to estimate the impact on the transportation system determined by the development of the international sea trade focused on the Italian harbours", executed by TTA - Trasporti Territorio e Ambiente s.r.l., contract n° 97.00354.PF74
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	1997 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Definition and prototype of a computer structure to support the integration of tools for the organization, the analysis, the simulation, the filtration and the dissemination of value added information related to the urban transport", executed by Consorzio Milano Ricerche, contract n° 97.00358.PF74
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	1996 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Aid system to the operations and decisions support to the operators of the urban traffic control system", executed by Softeco Sismat S.p.a., contract n° 96.00155.74.
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	1996 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Mathematical model to estimate the impact on the transportation system determined by the development of the international sea trade focused on the Italian harbors", executed by TTA - Trasporti Territorio e Ambiente s.r.l., contract n° 96.00204.74
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	1996 Professional appointment
Occupation or position held	Research Project Referee
Main activities and responsibilities	Appointed Research Project Referee for the following research contract: "Monitoring and control systems of the motorway traffic: elements of evaluation and integrated architectures", executed by CSST - Centro Studi sui Sistemi di Trasporto S.p.a., contract n° 96.00188.74
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	Since May, 1995 until December 1999
Occupation or position held	Technologist
Main activities and responsibilities	Management and control of the contracts related to the research activities of the Special Project on Transportation 2 with particular reference to the researches related to the Sub-projet 1: Government of the mobility and tools for transport planning.
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research

Dates	Since July 1994 yearly professional appointment
Occupation or position held	Managerial Staff
Main activities and responsibilities	Evaluation of environmental impact and comparative analysis of the methodologies proposed in literature and consequent orientation of the PFT2 research.
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	Since December 1992 yearly professional appointment
Occupation or position held	Managerial Staff
Main activities and responsibilities	Review and comparison of planning models and tools used by the transportation agency for the operation planning
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research
Dates	Since September 1991 yearly professional appointment
Occupation or position held	Managerial Staff
Main activities and responsibilities	Review and comparison of evaluation methods of the customers services offer in terms of productivity and effectiveness related to the transport subsystems to several territorial level.
Name and address of employer	National Research Council – Special Project on Transportation Research 7, Piazzale Aldo Moro – 00185 Roma
Type of business or sector	Research

## Education and training

Dates	Year 2002
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	on: "Building XML-Based Web Applications"
Name and type of organisation providing education and training	PCS srl. - Certified Technical Education Centres
Level in national or international classification	National
Dates	Year 2001
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	on: "MS Visual Basic 6.0 – Advanced Development of Desktop Application"
Name and type of organisation providing education and training	PCS srl. - Certified Technical Education Centres
Level in national or international classification	National
Dates	Year 2001
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	on: "Advanced Development of Interactive Web (ASP, JAVA Script, DHTML, and XML) "
Name and type of organisation providing education and training	PCS srl. - Certified Technical Education Centres
Level in national or international classification	National

Dates	Year 1998
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	on "Front Page '97"
Name and type of organisation providing education and training	PCS srl. - Certified Technical Education Center
Level in national or international classification	National
Dates	May 1998
Title of qualification awarded	International Educational course
Principal subjects/Occupational skills covered	Title: "Advanced Methods for Planning and Management of Transportation Networks"
Name and type of organisation providing education and training	Italian National Research Council PFT2 – Special Project on Transportation 2, University of Napoli "Federico II" e University of Roma "Tor Vergata"
Level in national or international classification	International
Dates	December 1997
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: " Logistics of the production and the distribution"
Name and type of organisation providing education and training	AIRO - Italian Association of Operation Research and University of Ancona
Level in national or international classification	National
Dates	September 1996
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: " Algorithms and optimization models"
Name and type of organisation providing education and training	AIRO - Italian Association of Operation Research, University of Ancona and University of Camerino
Level in national or international classification	National
Dates	December 1996
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: " Logistics on computers for the production planning in the small and medium enterprises"
Name and type of organisation providing education and training	AIRO - Italian Association of Operation Research and University of Ancona
Level in national or international classification	National
Dates	Year 1995
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	On: "Updating course on Windows '95"
Name and type of organisation providing education and training	Book srl –Pisa - Certified Technical Education Centres
Level in national or international classification	National



Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	On: "Updating course on CA Visual Object"
Name and type of organisation providing education and training	Metodi srl – Milano - Technical Education Centres and Software House
Level in national or international classification	National
Dates	Year 1995
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title. "Intensive course on Operations Research"
Name and type of organisation providing education and training	Università of Venezia - Auronzo
Level in national or international classification	National
Dates	Year 1994/95
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	English educational course (3rd level).
Name and type of organisation providing education and training	Istituto Accademia Britannica - International House
Level in national or international classification	National-International
Dates	Year 1994
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: "Multiattribute Analysis: methods, software, applications"
Name and type of organisation providing education and training	Politecnico di Milano
Level in national or international classification	National
Dates	Year 1993
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: "The administration of the public spending and the efficiency of the services: innovative methods of planning, design and management"
Name and type of organisation providing education and training	Institute of Systems Analysis and Computer Science of Italian National Research Council
Level in national or international classification	National
Dates	Year 1992
Title of qualification awarded	Educational course
Principal subjects/Occupational skills covered	Title: "Communications, transports and government of the mobility: models, methods and decisions support tools".
Name and type of organisation providing education and training	Institute of Systems Analysis and Computer Science of Italian National Research Council
Level in national or international classification	National
Dates	Year 1990
Title of qualification awarded	Qualification to the exercise of the engineer profession.

Principal subjects/Occupational skills covered	Engineer
Name and type of organisation providing education and training	University of Napoli "Federico II"
Level in national or international classification	National
Dates	May 1990
Title of qualification awarded	Confer a Master degree
Principal subjects/Occupational skills covered	Civil Engineering and Transportation
Name and type of organisation providing education and training	University of Napoli "Federico II"
Level in national or international classification	National

**Personal skills and competences**

Mother tongue(s)

Other language(s)

*Self-assessment*

*European level (\*)*

**English**

**Italian**

<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
Listening	Reading	Spoken interaction	Spoken production	
Good	Good	Good	Good	Good

*(\*) Common European Framework of Reference (CEF) level*

## Additional information

### Participation in European Project:

- FANTASIE Project (4FP/DGVII - Contract n° ST- 96-AM-1109)- Forecasting and Assessment of new Technologies and Systems and their impacts on the Environment - DGVII - 4th Framework Program.
- MAIN-E Project (5FP/Growth), Networked negotiation platform for manufacturing and logistics integrated planning and control in SME multi-enterprise environment (MAIN E), EEE Domain.
- E-MMEDIATE Project (5FP/IST), Electronic Managing of Product Manufacturing Engineering, Design and Investment Applying Information Technology for SMEs, EEE Domain.

### Project preparation to submit in the 7 Framework Program:

- JUMP Project (Call FP7-ICT-2009-6 Small or medium-scale focused research project -STREP- proposal), Joint Urban Mobility Platform.
- SECURBIKE Project (Call FP7-SME-2010-1 Activity 2.1 Research fore SMEs), Safe bike in sustainable multimodal adaptive mobility system.
- EACH-p Project (Call FP7-ICT-2011-7 Small or medium-scale focused research project -STREP- proposal), Environmentally Aware Coordinated Hyper Platform.
- CONNBIKE Project (Call FP7-SME-2011-1 Activity 2.1 Research fore SMEs), Connected bike system for a multimodal sustainable mobility approach.

### Participation in National Project:

- PILOT-ICT Project (FAR), "New integrated logistics frame work based on ICT and distributive decision system. Coordinated by TNT Logistics-S.p.A.
- TMP Project (CNR-GNDRCIE), "Risk Evaluation of hazardous materials transportation using techniques of multicriteria analysis. Research partners University di Roma "Tor Vergata" e Università di Roma "La Sapienza".

## Research Activity and Publication

### *Technical Reports (Italian language)*

[RT1] Carotenuto P., "Studio e confronto dei vari metodi di valutazione dell'offerta di servizi in termini di produttività ed efficacia applicabile ai sottosistemi di trasporto alle varie scale territoriali", Progetto Finalizzato Trasporti, Settembre 1992.

[RT2] Carotenuto P., "Rassegna e confronto di modelli e strumenti per la pianificazione utilizzati dalle aziende di trasporto per la definizione e la programmazione dell'esercizio", Progetto Finalizzato Trasporti, Dicembre 1993.

[RT3] Carotenuto P., "Valutazione di impatto ambientale e analisi comparativa delle metodologie proposte in letteratura e conseguente orientamento della ricerca del PFT2" Progetto Finalizzato Trasporti, Luglio 1995.

[RT4] Carotenuto P., Delle Site V., Mecco P., "Sistemi di supporto alle decisioni: i modelli multicriteriali", Appunti per il Seminario "Sistemi di supporto alle decisioni: Tecniche di analisi Multicriteriali" Corso "Principi e metodologie della progettazione meccanica" tenuto dal Prof. U. Pighini, Università di Roma "La Sapienza, Facoltà di Ingegneria, Maggio 1999.

[RT5] Carotenuto P., Cis C., Rismondo S., Storchi G., " Hybrid genetic algorithm to approach the DaRP in a demand responsive passenger service", Dipartimento Statistica, Probabilità, Statistica Applicata, Università degli Studi di Roma "La Sapienza" Rapporto Tecnico n.9, 2006

### *National Publication (Italian language)*

[A1] Bielli M., Carotenuto P., Delle Site V., Reverberi P., "La ricerca in Italia sulle interazioni trasporti/ambiente", ATS '93 "Automazione e sistemi di trasporto" Atti del Convegno, Trieste, 1993.

[A2] Carotenuto P. e Nuzzolo A., "Strumenti e metodi per la pianificazione", in

Ricerca e futuro, n.7, marzo, 1998.

[A3] Bielli M., Caramia M., Carotenuto P., "An Advanced Heuristic For Bus Network Optimization", AIRO Annual Conference, Treviso, Italia, 23-25 Settembre, 1998.

[A4] Carotenuto P., Gastaldi M., La Bella A., Levaldi N., "Analisi delle prestazioni nelle aziende di trasporto pubblico mediante la data envelopment analysis", in Migliorare la qualità dei servizi per soddisfare le crescenti aspettative dei clienti, a cura di L. Negri, Atti del Convegno Internazionale, Collana Prometeo, Nuovo Studio Tecna, Roma 1998.

[A5] Bellei G., Cagnoli M., Carotenuto P., "Un approccio gerarchico al progetto di rete di trasporto collettivo", in Metodi e tecnologie dell'ingegneria dei trasporti Seminario 2001, a cura di Giulio E. Cantarella e Francesco Russo, Collana Trasporti, editore Franco Angeli, Milano, pp. 97-116, 2003.

[A6] Carotenuto P., Cis C., Rismondo S., Storchi G., "Un'architettura a due livelli per un servizio di trasporto a chiamata"- prima parte. MobilityLab, 16, 2007, pp 34-38.

[A7] Carotenuto P., Cis C., Rismondo S., Storchi G., "Un'architettura a due livelli per un servizio di trasporto a chiamata"- seconda parte. MobilityLab, 17, 2007, pp 33-35.

### ***International Technical Reports***

- FANTASIE Project (4FP/DGVII - Contract n° ST- 96-AM-1109) - Forecasting and Assessment of new Technologies and Systems and their impacts on the Environment - DGVII - 4th Framework Program.

[RR1] Carotenuto P., Gentile C and Landolfi O., "Impact Assessment Tools – Assessment Category: Efficiency", Report in Deliverable 6 "Appraisal of Impact Evaluation Methods", FANTASIE Project, Directorate General for Transport (DGVII) of the European Commission, Contract n° ST- 96-AM-1109, 1997

[RR2] Carotenuto P., Delle Site P., Gentile C., Landolfi O. and Pascucci M., Deliverable D17 "Efficiency impacts and benefits of new transport systems", FANTASIE Project, Directorate General for Transport (DGVII) of the European Commission, Contract n° ST-96-AM-1109, 1999.

- MAIN-E Project (5FP/Growth -G1RD-CT-2000-00284) – Networked negotiation platform for manufacturing and logistics integrated planning and control in SME multi-enterprise environment - EEE Domain - GROWTH - 5th Framework Program

- E-MMEDIATE Project (5FP/IST-2001-35104)– Managing Electronic Product Manufacturing Engineering, Design and Investment Applying Information Technology for SMEs - EEE Domain - IST - 5th Framework Program

### ***International Publication***

[B1] Bielli M., Carotenuto P., Gastaldi M., Multicriteria evaluation of integrated urban traffic management system, Actes de la deuxieme conference du groupe de travail euro sur la gestion du trafic et les transports, Actes Inrets n°38, Paris 1993.

[B2] Bielli M., Carotenuto P., Gastaldi M., Multicriteria evaluation model of public transport networks, Tristan II - Triennial Symposium on Transportation Analysis, CNR-PFT2, CNR-IASI, AIRO, Preprints Vol.I, Capri, Italy, 1994.

[B3] Carotenuto P., Delle Site V., Landolfi O., Comparative Analysis of Advanced Propulsion System for Electric Vehicles, presentato alla "7th World Conference on Transportatin Research", Sydney, Australia, 16-21 luglio 1995.

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### ***International Activity***

- Member of the International Program Committee, 8th Meeting of the Euro Working Group on Transportation: "Rome Jubilee 2000 Conference", 11-14 September 2000, Rome, Italy.
- Member of the International Program Committee, 9th Meeting of the Euro Working Group on Transportation: "Intermodality, Sustainability and Intelligent Transportation Systems" conference, 10-13 June 2002, Bari, Italy.
- Member of the International Program Committee, 10th Metaheuristics International Conference (MIC 2013), 5th - 8th August, 2013, Singapore, Singapore.
- Member of the International Program Committee, 19th Meeting of the Euro Working Group on Transportation: "Simulation and Optimization of Traffic and Transportation Systems" conference, 5-7 September 2016, Istanbul, Turkey.
- Member of the International Program Committee, 20th Meeting of the Euro Working Group on Transportation: conference, 4-6 September 2017, Budapest, Hungary.

## CURRICULUM VITAE REDATTO AI SENSI DEGLI ARTT. 46 E 47 DEL D.P.R.28.12.2000, N. 445

Il sottoscritto Pasquale Carotenuto consapevole della responsabilità penale prevista, dall'art. 76 del D.P.R. 445/2000, per le ipotesi di falsità in atti e dichiarazioni mendaci ivi indicate:

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che le informazioni sotto riportate sono veritiere.