

PERSONAL INFORMATION

Stefano Armenia



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Sex Male | Date of birth 26 Dec 71

POSITION

Engineering

WORK EXPERIENCE

May 10–Present

Professional Consultant & Project Manager

EII - Engineering Ingegneria Informatica SpA

- Project Assistant on a Feasibility Study conducted for FRONTEX, the EU Border Defence Agency, in order to assess the actual limited staffing and means needs and verify the possibility to improve the organization's capabilities

- Project Manager for the CERS2 and SVD projects, for the UK Maritime & Coastguard Agency (MCA). CERS2 is an extension of the CERS/SVD project (CONSOLIDATED EUROPEAN REPORTING SYSTEM & SINGLE VESSEL DATABASE), a system to capture data on vessel movements, dangerous cargoes, vessel safety, security information and the disposal of waste within European waters. The EU-wide system is called SafeSeaNet and the Maritime & Coastguard Agency (MCA) system, that reports to SafeSeaNet and the European Commission, is CERS/SVD.

- Technical Coordinator of several WorkPackages on the PERSEUS project (<http://www.perseus-fp7.eu/>)

- Quality Management / CMMI compliance of the DIISM Project, for the Italian Navy

Other activities:

- Project Proposal Management (EU, ESA and National)

- Contacts with Italian/Foreign Universities

- Project Management Support

Nov 08–Present

Research Fellow

University of Rome "Sapienza" - scientific affiliation

From 2013: scientific affiliation @CIS Sapienza
(<http://www.cis.uniroma1.it/>)

- Technical coordination of the CRISADMIN Project (ref. HOME/2011/CIPS/AG/4000002116), funded under the CIPS2011 Action Grant Programme from DG-HOME, and relative to the development of a DSS based on a system dynamics model for the assessment of intervention and/or prevention policies in case of catastrophic events affecting strictly interrelated critical infrastructures.

- Proposal Management and Technical Coordination of the CROSSOVER Project ("Bridging Communities for next generation Policy Making"), a Support Action funded under the FP7 (FP7-ICT-2011-7), (<http://www.crossover-project.eu/>)

From 2008 to 2012: @CATTID

- (http://www.cattid.uniroma1.it/index.php?option=com_content&view=article&id=63&Itemid=72&lang=it) Expert on Process Improvement and Optimization

- Responsible for the analysis of the impact from the introduction of innovative technologies (wireless, embedded, sensor networks, etc...) into production/service processes and systems

- Proposal Management for several CIPS calls (the EU Critical Infrastructure Protection & Security Programme)

- Expert on eLearning
(<http://www.salusnet.it/html/catalogo/it/corsi.asp>), Interactive Learning Environments and Business Simulations

May 08–May 10 Program Management / BPR

ALTRAN Italia

Customer: Selex SI (AeroSpace & Defense)

- 05.2008/01.2009

Deputy Program Manager on the EUCCIS Project, a Command & Control Information System which is developed by Selex SI (a company of Finmeccanica) for the General Secretariat of the European Commission (DGA5), which is managing the project on behalf of the European Military Staff (EUMS).

- 02.2009/07.2009

Business Process Analysis, Reengineering and Design of logistic activities for the Temporary Support service to the new Italian Navy Carrier "Cavour"

- 08.2009/05.2010

Assistant Deputy Program Manager on Selex SI's Naval Program "Baynunah", for the United Arab Emirates Navy (Combat System Integration and development of the Combat Management System)

Jun 05–May 10 Consultant

CNIPA - Centro Nazionale per l'Informatica nella Pubblica Amministrazione

CNIPA is the National Center for IT in the Italian Public Administration

- consultant on the projects "Observatory on the adoption of Open Source Software in the Italian Public Administration" and "Public connectivity and Interoperability (SPC / SPCoop): interadministrative processes reengineering and reorganization among the Italian Central Public Administrations"

- also since the beginning, in collaboration with the R&D Lab at CNIPA, has started supporting the work of some of his students from "Tor Vergata" University (from the faculties of Economics, Business Engineering and Computer Science) both on their graduation thesis as well as master thesis, regarding advanced aspects on some of the major projects at CNIPA (SPCcoop, RfId, Paperless Administrations, etc...)

- 2007 / 2008: coordination of a team composed of members from CNIPA and DIT (Tech Innovation Dept. of the Italian Ministers Presidency) on the FP6 QualiPSO project, concerning the research and development of a new framework for Open Source Software Quality and relative industrial software best practices.

- has also coordinated the submission of several project proposals to the FP7 and CIP-PSP UE programs

Feb 10–Dec 10 R&D Consultant

Tech4i2 (UK based company)

- CROSSROAD Project (<http://crossroad.epu.ntua.gr/>): Responsible for the development of the Roadmap for the CROSSROAD Project, with particular reference to the theme/research challenge on Policy Modeling & Simulation.

CROSSROAD aims to build a roadmap for ICT research in the field of governance and policy modelling and its main goal is to drive the identification of emerging technologies, new governance models and novel application scenarios in the area of participation, electronic governance and policy modelling, leading to the structuring of a beyond the state-of-the-art research agenda, fully embraced by research and practice communities.

Jan 05–Oct 08 Lecturer and Post-Doc

Dept. of Business Engineering and Management, Faculty of Engineering, University of Rome "Tor Vergata"

- 06.2005 / 07.2007

Design and development of two custom dynamic content management websites:
<http://ciroweb.ing.uniroma2.it>, for the Interuniversity Operations Research Center (CIRO), and
<http://dii.ing.uniroma2.it>, for the Business Engineering & Management Dept. at the Faculty of Engineering, "Tor Vergata" University, Rome

- 2005 / 2007

Lecturer for the course "Simulation elements and fundamentals", a 15 hours module, at the Master of "Network Systems Engineering" (http://web.uniroma2.it/modules.php?name=Content§ion_parent=667), Dept. of Business Engineering and Management at "Tor Vergata" University, Rome.

- 2007 / 2008

Lecturer at the Faculty of Economics, "Tor Vergata" University, for the courses "eGovernment" at the Master in Innovation and Management or the Public Administrations, and for the course "Project and Process Management" at the Master in Economy and Management for the National Public Healthcare Systems

During the PhD (2001-2004), Lecturer for a 15 hours module, "A Simulation Approach with System Dynamics", in the course of "Production Systems Models" at "Tor Vergata" University, Rome.

Oct 05–Dec 09 **Solution Manager**

ESE Srl – Enterprise Solutions Engineering - www.esengineering.it

ESE operates in the following fields: ICT, Design and Optimization of Production Systems, Transports and Logistics, Innovative Finance, Organizational Models and Change Management, Knowledge Management and Decision Support Systems

Project Manager, ICT Business Unit Coordinator, Pre-Sales

- 11.2007 / 07.2009:

Project Coordinator for a project dealing with the optimization of the logistic network of a primary Express Courier Company in Italy (SDA)

- 05.2006 / 09.2007:

Project Manager and Project Coordinator of a workgroup hired by the company Camporlecchio Educational Srl in order to manage the development of software modules for a national financed project named "KEEN – Knowledge in Extended Enterprise Networks" (more info at <http://213.92.117.105/>), and related to the retrieval and extraction of knowledge from structured and non-structured data sets. The workgroup included PhD and researchers of the University of Rome "Tor Vergata" dealing in AI and Machine Learning.

- 01.2006 / 12.2007:

Project Manager for the eDemocracy Project "Aniene.Partecipata" (www.anienepartecipata.it), commissioned by an Italian Local Administration (X Comunità Montana dell'Aniene, Lazio), cofinanced by the former Italian Ministry for Innovation in the Public Administration and dealing with the design, development, engineering and test of a web platform regarding the management of processes and information related to the participation of the citizenship to the discussions concerning with the public expenditures on tourism, environment and cultural and historic paths.

Apr 05–Apr 05 **Lecturer**

Telecom Italia, Roma

Lecturer in "Decision Support Systems", a course of the "Executive Master in Business Administration", in partnership with the Drexel University of Philadelphia, TILS - Telecom Italia Learning Services - and Marketing University ICT

Mar 05–Jun 05 **Scientific Consultant and Project Manager**

Dipartimento di Statistica, Probabilità e Statistiche Applicate (Dpt. Of Statistics, Probability & Applied Statistics)

Project on the simulation of the Italian national railways timetable, at the Dept. of Models and Decision Support Systems of the national railway company ("Ferrovie dello Stato – Trenitalia"), in collaboration with the Dept. of Statistics, Probability and Applied Statistics at "Sapienza" University, Rome, Italy

- Jan 04–Feb 05 **Consultant**
STON Srl, Roma
Consultant in Operations Management for STON Srl: consultancy and development of enterprise engineering solutions to SMEs, networking and security, answers to national and european ICT tenders and calls for project proposals
- Mar 02–Dec 04 **Consultant**
FORMEZ, Roma
Consultant for the Project “CRCItalia – italian regional competence centres”, committed by the former Italian Ministry for Technology Innovation, on the subject of the diffusion of Open Source Software in PAs in the second phase of the eGovernment action of the Italian government
- Feb 03–Sep 03 **Project Manager on web design**
La Gazzetta Politica, Roma
Management for the development of a Dynamic Web Site (PHP, Apache, MySQL) for the Italian National Newspaper “La Gazzetta Politica” (www.gazzettapolitica.it)
- Jan 03–Mar 03 **Consultant**
SAGO SpA, Firenze
Advisor and pre-sales on Health-care ICT-Systems
- Jan 02–Dec 02 **Employed**
Logo 2000 – E-le@ming Company, Roma
Responsible of the area for the design and development of Business Games and Simulators with the System Dynamics approach. Development of the “Virtual Project” micro world.
- Oct 00–Dec 01 **Employed**
SEMA Group, Roma
Project Analyst on the PPM project (Prepaid Promotion Manager), for the company Telecom Italia SpA
- Mar 99–Jun 00 **Ensign**
Italian Navy
After being in the Italian Navy Academy, 11 months as an Officer (Ensign) of the Italian Navy - General Staff, Section of Operations, Training, Intelligence and Statistics.
- Jan 99–Mar 99 **Consultant**
dS-Telematica, Roma
Software developer and analyst

EDUCATION AND TRAINING

- Dec 86–Dec 90 **High School Graduation**
Scientific Liceum “Benedetto Croce”, Roma
n.a.
- Dec 90–Dec 98 **graduation in Computer Engineering (Robotics and Automation)**
Dept. of Computer Science and Systems, Faculty of Engineering, University of Rome “La Sapienza”

Dissertation Title: "Control Techniques of Autonomous Mobile Robots"

Dec 14–Dec 14 Master in "Business Engineering and Administration"
 Dept. of Business Engineering and Management, Faculty of Engineering, University of Rome "Tor Vergata"
 Management, Finance, Marketing, Technological Innovation, BPR, ERP Systems, Informative Systems, Net-Economy and E-Business, Leadership and Negotiation, Service and Production Systems, Supply Chain and Inventory Management, Strategic Management.

Nov 01–Dec 04 PhD in Business Engineering and Management (December 2004)
 Dept. of Business Engineering and Management, Faculty of Engineering, University of Rome "Tor Vergata"
 Doctoral Thesis on Software Project Management, analysis of management techniques and cost estimation methods, according to the latest software engineering techniques and theories, development of a dynamic simulator
 Dissertation Title: "Improving the performance of software development projects: a System Dynamics approach"

PERSONAL SKILLS

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	C1	B2	B2	B1
German	A2	B1	B1	B1	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cerl.eu)

Communication skills I have a high sense of teamworking and I deeply believe in the enrichment coming from the integration of cultures and disciplines. This is probably due to the fact that during my life I've always liked doing my activities in teams: sports, professional, military, artistic.
 Talking to people (also in different languages) is a way of understanding different cultures as well as also an excellent method for continuous learning, especially in specific working contexts.

Organisational / managerial skills Leadership, team coordination and organization, analytic and systems thinking, attitude towards strategic planning and decision-making. Organization of multi-cultural events.

Computer skills Pascal, C, C++, Java, Modula2, Prolog, VisualBasic; Windows NT/98/2000, Linux, Unix, MacOS, Solaris; Saphira, InstallShield, PhotoShop, Office, Access; HTML, FrontPage, ASP, PHP, Jscript, VBScript, MS InterDev, Oracle, SQL+, MySQL

Other skills OTHER SKILLS
 Bio-Engineerings, Bionics and Cybernetics, Mechatronics

Driving licence Car Driving Licence (Cat. B)

ADDITIONAL INFORMATION

Publications OTHER QUALIFICATIONS

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- Certificate of Proficiency in English
 - Italian Board of Professional Engineers (<http://www.ording.roma.it>)<http://www.ording.roma.it/>
 - Member of the System Dynamics Society (<http://www.systemdynamics.org>)www.systemdynamics.org
 - President of the System Dynamics Italian Chapter (<http://www.systemdynamics.it>)www.systemdynamics.it
 - Reviewer for several conferences and scientific journals

PUBLICATIONS AND CONFERENCES

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- International System Dynamics Conferences (ISDC): Palermo 2002 (Italia), Boston 2005, Boston 2007 (USA)
 - ISDC 2003: New York (USA). Conference Proceedings. Paper: "Service Quality and Customer Abandonment: a System Dynamics Approach to Call Center Management"
 - SOR 2003: Heidelberg (Germania). Conference Proceedings. Paper: "Service Quality and Customer Abandonment: a System Dynamics Approach to Call Center Management"
 - FORMEZ: S. Armenia, M. Mena, P. Testa, "L'orientamento all'utenza nei servizi di eGovernment: un'analisi dei progetti del primo avviso", 2004, Quaderni del Formez, Progetto CRC - Centri Regionali di Competenza, in collaboration with the Italian Ministry for Innovation and Technology (DFP).
 - ISDC 2004: Oxford (UK). Conference Proceedings. Paper "A System Dynamics approach to a Chemist's Management"; Paper "Bathtub Dynamics at Tor Vergata University"
 - PHD DISSERTATION: "Improving the performance of software development projects: a System Dynamics approach", Doctoral Thesis, Dipartimento di Ingegneria dell'Impresa, Università di Roma "Tor Vergata", December 2004.
 - ISDC 2006: Nijmegen (NL). Conference Proceedings. Paper "Dynamic Skill-based Routing: a System Dynamics approach to a Policy Definition in Call Center Management"; Paper "Securitization of future credits in a Public Administration tax-collection process: a System Dynamics approach"
 - ICEL 2006: S. Armenia, A. Iovanella, G. F. Italiano, G. Murgia, "Using social network analysis for the study of asynchronous interaction in e-learning", in Proceedings of International Conference on e-Learning (ICEL 2006), Academic Conferences Limited, 2006, p 207-216
 - ITAIS 2007: S. Armenia, D. Canini, N. Casalino, "A system dynamics approach to the paper dematerialization process in the Italian public administration", Venezia, itAIS 2007 - IV Italian Conference of the Italian Chapter of AIS, 3-7, Ottobre 2007 in The Interdisciplinary Aspects of Information Systems Studies, Springer, Heidelberg, Germany, ISBN 978-3908-2010-2.
 - AIRO 2007: S. Armenia, M. Angelini, F. Baldoni, A. Nanni, "La cartolarizzazione dei crediti futuri nel processo di riscossione di un Ente Locale: un modello System Dynamics", in Scienza delle decisioni in Italia: applicazioni della ricerca operativa a problemi aziendali, ECIG, Genova, Italy, ISBN 978-88-7544-150-0.
 - ISDC 2008: Athens (GR). Conference Proceedings. Paper "Analysis of economic impacts and evolutions of the Italian cultural event 'La Notte Bianca Romana': a system dynamics approach". Paper "A new system dynamics model for the analysis of the paper dematerialization process in the Italian Public Administration". Paper "The System Dynamics Italian Chapter (SYDIC) community on the web: an online scientific community". Paper "Comparing different approaches in teaching System Dynamics in Italian Universities".
 - IPMA 2008: Roma (ITALY). Conference Proceedings. Paper "Improving management effectiveness and overall performance of software development projects through a system dynamics approach"
 - SOIC 2008: S. Armenia, D. Carrera, D. Lamanna, "Floss and social change in Italy: are the public sector and social enterprises ready to pick up emerging opportunities?", presented at the 4th International Conference on Social and Organizational Informatics and Cybernetics (SOIC), 2008, Orlando, Florida
 - S. Armenia, C. Pecchia, "Open Source Software" in "Economia delle Aziende nonprofit" a cura di D. Carrera, A. Messina, Aracne Ed., 2008, Roma, ISBN 978-88-548-1857-6

- ISDC 2009: Albuquerque, New Mexico (USA). Conference Proceedings. Paper "Energy Management in Residential Buildings: a system dynamics approach"
 - ITAIS 2009: Olbia (ITALY). Conference Proceedings. Paper: S. Armenia, N. Casalino, M. Draoli "A system dynamics model to identify and measure the document digitization advantages in public administration", awarded with the "Best Paper" prize (over 100 presented contributions), also in "Management of the Interconnected World", by A. D'Atri, M. De Marco, A. M. Braccini, F. Cabiddu. Springer, Heidelberg, Germany, ISBN 978-3-7908-2403-2
 - EURAM 2010: Rome (ITALY). Conference Proceedings. Paper "A new system dynamics model to improve internal and external efficiency in the paper digitization of Italian public administrations". Workshop "Climate Change Exercise", co-chaired with Kim Warren
 - ISDC 2010: Seoul (SOUTH KOREA). Conference Proceedings. Paper "A system Dynamics Energy Model for a Sustainable Transportation System"
 - EURAM 2011: Tallin (ESTONIA). Conference Proceedings. Paper "Improving management and tools for project performance in software development: a system dynamics approach"
 - ISDC 2011: Washington DC (USA). Conference Proceedings. Paper "Future research directions in Governance and policy making under the UE prism of ICT for Governance and Policy Modeling"
 - EGOV 2011. Paper "Paving the way for future research in ICT for Governance and Policy Modeling"
 - EURAM 2012. Paper "Quantitative-analysis methodologies confrontation: the added value of simulation and System Dynamics applied to the case of Call Center Management"
 - WOA 2012. Paper "Simulating Board of Directors decisional dynamics: A System Dynamics application for Upper Echelons Theory"
 - ISDC 2012. Paper "Military Workforce Dynamics and Planning in the Italian AirForce"
 - ICEGOV 2012. Paper "A New Roadmap for Next-Generation Policy-Making"
 - EURAM 2013. Paper "Policy Modeling as a new area for research: perspectives for a Systems Thinking and System Dynamics approach?"
 - ISDC 2013. Paper "Proposal of a 'Goldilocks' methodology for the assessment of an international crisis"
 - ISDC 2013. Paper "Farmers education enables precision farming of dairy operations"
- Full list and repository of publications at:
[url=<https://www.dropbox.com/sh/62mdonh3g2rhmm8/HQ1dycykJ4>]<https://www.dropbox.com/sh/62mdonh3g2rhmm8/HQ1dycykJ4>]

ANNEXES

- coverletter.pdf

coverletter.pdf 

Dear Sir/Madam,

I am writing to enquire whether you have a vacancy in your company for a bilingual Manager. I enclose a copy of my CV for your consideration.

As you will see from my resume, I am still collaborating as a free-lance professional with some companies and institutions (both public and private), to whom I am offering my services using both my management and technical skills, particularly in the fields of technology transfer and innovation management.

I am a Systems Engineer (with a specialization in IT) with a degree from the "Sapienza" University of Rome, a PhD in Business Engineering and Management and a Master in Business Engineering from "Tor Vergata" University of Rome. During my graduation studies, I dealt with the behaviors of autonomous robots in dynamic and unknown environments while my PhD research has focused on the role of management policies and practices with regards to software project management dynamics.

In addition to that, my professional life has made me deal with public and private organizations on various innovation topics. Among the latter, I've been working in the research field on highly innovative technologies and system analysis methodologies, in Logistics and Transportation, leaning on my IT and BPR knowledge, on ICT innovation diffusion in the Italian Public Administration where I mainly used my IT, change management and organizational skills, on Aerospace & Defense by working mostly on the management of military projects at national and international level.

I believe my rich and varied background has given me sufficient experience that makes me a suitable candidate for any roles requiring skills in the following areas:

- Research and analysis
- Systems Dynamics and Business Process Reengineering
- Project proposals management
- Change Management and Strategic Decision Making
- International Environments

I believe that especially my skills in system dynamics make me a particularly suitable candidate in all those situations where an organization's vision has to meet new strategic developments and thus where it is necessary to decide on various possible actions and policies by evaluating both qualitatively and quantitatively (decision support) their impacts on medium-to-long term strategy.

Also, I have been described as proactive, reliable, a quick learner, and highly flexible. I also have proven communication skills, which enable me to interact and work well as part of a team.

I enclose my resume and, should you find it suitable to match the needs of your company, please do not hesitate to contact me. I would welcome hearing from you.

Best regards,
Stefano Armenia