

**Roberto Revetria**

Birthplace and Date: Albenga, December 18, 1972  
Reg. Ariano, 27  
17031 Albenga (SV) - Italy  
Phone: +39018252832  
Fax: +39018251970  
Mobile: + 39 320 7982156 (work) + 39 333 987 4234 (private)  
E-Mail: [roberto.revetria@unige.it](mailto:roberto.revetria@unige.it)  
Skype: rrev1972

*Professional Qualification:* **Mechanical Engineer, Full Professor, Ph. D.**

*Educational Qualifications:*

1991	Commercial School Leaving Certificate 60/60 ITC "Boselli" Loano SV
1998	Degree in Mechanical Engineering 110/110 with Honors - University of Genoa
1999	Qualification to the Engineer Profession
2000	Certified IPMA Project manager Level D
2002	Doctoral Program in "Sistemi di Produzione e Impianti Industriali" (Production Systems and Industrial Plants) (PhD in Computer Science)

*Foreign Languages:* English and French

Title of the Degree Thesis **"Applicazioni di Tecniche di Intelligenza Artificiale alla Gestione ed Ottimizzazione del Magazzino Autobus Urbani"** (Application of Artificial Intelligence Techniques to the Management and Optimisation of the Urban Bus Warehouse) in cooperation with "Azienda Mobilità e Trasporti di Genova".

Title of the Doctoral Program Thesis **"Sistemi di Produzione ed Impianti Industriali"** (Production Systems and Industrial Plants) Course Responsible Prof. Eng. Gino Ferretti Dean of the University of Parma, Tutor Prof. Eng Roberto Mosca Director of the DIP Department – University of Genoa.

**Curriculum Vitae**

In 1991 he takes the Commercial School leaving diploma of Accountant and Estimator and then holds the role of administrator for "RPM snc di Revetria P&R" Company. In 1997 he participates to ICAMES with the WOLVES project winning the Prize for the best algorithm about the Prisoner Dilemma "Bush-8". He gets the degree with honors in 1998 and wins the 4° Competition for Italian Navy Reserve Officer Cadet; in July 1999 he is appointed Acting Sublieutenant in the Naval Army Corps. From July 1998 to July 1999 he is attached to the Control and Testing Service Head Office (Capo Servizio Controllo e Collaudi) of the Military Maritime Arsenal of Taranto where he holds the role of Responsible for the on assets Control and Testing. During this period he develops a strong experience not only in management and testing of the Technical Plants (Desalination Plants, Engines, Pumps, Sewage Drainage Plants) and Civil Works (Building up of 3 lighthouses, re-engineering of the Artillery Maintenance Department, but also in testing of on Board Scaffolds and in re-organization of the Control and Testing Service for the Navy assets, coordinating 15 persons. During 1998 he wins the Scholarship for the XIV Cycle Doctoral Program at the University of Parma - Faculty of Engineering which ends with success in October 2001 by getting the title of PHD. On December 20, 2000 he passes the exam for the Level D Project Manager IPMA Certificate. On November 2001 he wins the Competition for the role of **Researcher** at the University of Genoa where he takes service at the Department of Production Engineering (DIP), he then win a second competition for the role of **Associated Professor** at Parma University in March 2004 and he entered in his new role in the Department of Production Engineering, Thermo-energetics and Mathematical Models (DIPTM). The personal experience achieved in the construction of computer-aided analysis models and tools brought him to develop complex software using multipurpose (C/C++, Java, Tcl/Tk, Python, Php, Fortran, Pascal, VBA) and dedicated (Automod, Simul8, ESL, GPSS/H, Arena, Witness, Plant Simulation, Powersim, iThink/Stella, VenSim, Berkeley Madonna) simulation tools. Up today he has been working in the development of the mentioned software above all in the Windows, Linux OpenVMS and Mac environments by acquiring experience on the main applications and office automation

packs. He makes use and develops models in virtual reality for the Virtual Design by exploiting also Web-Oriented graphic environments (Atmosphere, Java 3D, Blender, Vega Prime, Multigen-Creator). Starting from 2009 he joined the **Board of Directors** of Smartware & Data Mining Company in Genoa: a spin-off of the Genoa University and a Software Company Iso Sistemi srl. On July 2010 he wins the Competition for the role of **Full Professor** at the Milan Polytechnic. He is currently Deputy-Director of the Italian Center of Excellence in Logistics and Transportation (CIELI).

### ***Teaching Activity and Services given to Universities and Research Boards in Italy and abroad***

Since February 1998 he is cooperating with the Prof.Eng. Roberto Mosca and the Prof.Eng. Piero Giribone in the development of new methods for "Engineering and management of the industrial plants" at the Production Engineering Department (DIP) - University of Genoa; during the same period he is Training Practice Supervisor for the courses of Mechanical Plants (Five Year and Post Graduate Degrees) with the Prof. Giribone and Industrial Plants Management (Five Year and Post Graduate Degrees). Since the a.a. 2002/2003 **he is the regular professor of the "Industrial Plants 1" course** at the Faculty of Engineering – University of Genoa where he teaches principles of dimensioning and management of the process plans by taking into consideration both the production (economic) and plant (planning choices, maintenance, safety, environmental impact) topics. Since the a.a. 2003/2004 **he is the regular professor of the fundamental course "Plants Design & Operations Management"** at the seat of La Spezia – University of Genoa. Since the a.a. 2004/2005 he is the regular professor of the course of "**Maintenance Management 1**" at the seat of Savona. In cooperation with the SCS Chapter - Liophant Simulation Club (cfr. [www.liophant.org](http://www.liophant.org)) he has been the teacher in several Top Manager Masters in the field of the Simulation applied to planning, management and optimization of the industrial and process plants both in Italy and abroad. In the years 2000, 2001 and 2002 he carried out teaching activities for the "Master in Logistica Integrata" (Master in Integrated Logistic) promoted by SOGEA in the structure of the ENI group and for the Master in "Project General Management" in the structure of General Electric SpA. In the years 2000, 2001 and 2002, cooperating with the Istituto Mazzini of Savona, Scuola Nazionale di Logistica and CISITA, he had carried out teaching activities in IFTS projects. In collaboration with the RTU Riga Technical University in Latvia he has been professor for the Socrates/Erasmus Project of which he is the Coordinator. In cooperation with the Department of Education of the United States (FIPSE) and the equivalent European body (DGEAC), the Stevens Institute of Technology NJ, the Boston College MA and the University of Central Florida FL he has been the teacher and the coordinator for the transatlantic student/teacher exchange project IEPAL. Moreover, he has been invited as Visiting Professor at the California State University. He is one of the leading teaches of the MIPA (Post-Graduate Master Programs for Public Managers) teaching Business Project Re-Engineering and Project Management. He is also currently involved in many top-level management training courses in the healthcare sector both as Scientific Responsible as well as teacher of Risk Management, Decision Support Systems and Project Management for Healthcare.

In many EU TEMPUS/TACIS Project he was visiting professor in many Universities such as: People Friendships University in Moscow, Arab Academy for Science and Transportation in Cairo, Astrakhan University, Kirghizistan University in Bishkek, Volgograd Technical University, Port and Training Institute in Alexandria.

- Since 2004 he cooperates as operating responsible with the Research Line 1 of the Italian Excellence Centre for the Integrated Logistic (CIELI): Tools and Models for the Supply Chain management.
- Since 2006 is Responsible of Modeling and Simulation Division of Iso Sistemi srl with a team of 40 Engineers.
- Since 2007 is Scientific Responsible for Simulation Support Group of SNAM Rete Gas (ENI Group Company), he is responsible of model maintenance of Natural Gas Transport Simulating tools: SIRE2000, SSDD and SILOS.
- Since 2008 he is Special Appointed Consultant for the Holy See (Vatican City) where it support the APSA (Amministrazione del Patrimonio della Sede Apostolica) President in development of IT Projects.

### ***Research Activities***

The activity of research has been carried out both in the national field, through the cooperation with the main Italian Universities (Politecnico di Milano, Politecnico di Bari, University of Naples Federico II, University of Florence, University of L'Aquila, University of Salerno) and abroad at prestigious academic seats (University of Central Florida FL, Boston College MA, University of Michigan Dearborn MI, California State University CA, Riga Technical University LV, Université de Aix - Marseille III F, Ecole Supérieure des Ingénieurs IFMA F, Stevens Institute of Technologies NJ, Delft Technical University NL, Charles University in Praha CZ, Iwate Prefectural University Japan, Massachusetts Institute of Technology) and cooperating with some of the most important centers of excellence (National Centre for

Simulation FL, NASA, Virginia Modeling and Simulation Center-VMASC) mainly in the following fields of research:

- Development of new optimization techniques and integrated packages able to operate in automatic way, by interfacing with simulator to optimize different business realities by working also on the HLA (High Level Architecture) distributed net; in particular, mention is made to the WILD and WILD II Projects. Development of the applicative method and use of AI techniques (Fuzzy Logic, Neural Networks, Genetic Algorithms) for the solution of off-line and on-line problems of stock management (AMT-SGS Project) and Production Scheduling (FRINE Project).
- Development of decision support systems for the evaluation of complex apparatus availability (DISPOS and POSDIS Projects) in the civil (postal automation) and military fields (WSS&S Project) for the Army Systems.
- Development of models of analysis for complex Power Plant maintenance with the PUMA (Project for Ultimate Maintenance in Ansaldo) and TARAS (Finmeccanica Group) Projects.
- Development of support tools for the forecast of telecommunication plant energy needs based on Neural networks (NeuralComm2 Project) and Simulation Models (LogisticGE Project).
- Development of the sales profile analysis model for the large-scale retail trade sector aimed to the detection of the abnormal events following the sale promotion (DICOSAP Project).
- Development of models for the logistic analysis supporting the urban waste collection through the development of an integrated simulator with GIS (SCOOTER Project).
- Development and integration of logistic support systems B2B and B2C on geographic network with particular reference to the ICARO project.
- Development of an immersive distributed simulation infrastructure HLA for the support to training of port operators (SITRANET Project).
- Development of the human behaviour simulation models for the planning requirement definition of on board (Project in cooperation with CETENA/FINCANTIERI)
- Development of a continuous simulation model for the study of the risk connected to the stocking of low surface tension hydrocarbons based on Lawrence Livermore Laboratory SLABS.
- Development of a gaseous mixture propagation in porous means applied to the study of the USW dumping reclamation.
- Development of an urban network optimization model for the waste collection and treatment, by considering also the extension and application to the differentiated collection with the development of algorithms aiming to the construction of the optimal path and the collection vehicle fleet dimensioning.
- Development of a model for the passenger railway traffic optimizing the metropolitan transportation of the Genoa-Casella line.
- Development of an integrated simulation model for the study of the intermodal container traffic between the Port of Genoa (Terminal VTE, S.E.C.H. and Messina) and the Dry Port of Alessandria (Italy).
- Development of a simulation platform for improving the productivity of steel manufacturing plants: Severstal-Lucchini Piombino, Ascometal-Lucchini Fos-sur-Mer.
- Development of a simulation tool for supporting operations management in steel rolling industries: Met-Invest Valsider Verona, Malacalza Trameal, Baosteel Ferrania, Lucchini-Piombino.
- Development of a simulation based platform for supporting rapid prototyping of complex steel manufacturing plants: Danieli Udine, Danieli Iskenderun.
- Development of an innovative platform for supporting maintenance operation management in highway management companies: Tecnositaf A32 Bardonecchia, Aitek Autostrade.
- Development of innovative platform for simulating human behavior during escapes after major tunnel fires: Autostrada A32 Torino-Bardonecchia.
- Development of a decision support systems for supporting logistical analysis for Department Store new designs: COOP Liguria (2 projects: Savona and Sestri Ponente Sites).
- Development of innovative decision support system for supporting operational management of urban wastes collecting companies (4 projects: Termoli, Comunità Montana Ingauna, PLANAGO, Eco-Net).
- Development of a modeling tool for supporting operations management in maritime security on behalf of Orizzonte Sistemi Navali (2 projects: Anti-Terrorism Support in Maritime Harbors, High Value Unit Patrolling)
- Development of an On-Line/Real Time Simulation control for supporting operation management in process industries, project funded by Regional Government of more that 300,000.00 €.
- Development of an innovative methodology for modeling complex logistics systems based on Systems Dynamics and Hybrid Simulation. The methodology was applied to design and improve logistics operations in Energy and Oil&Gas sector (4 projects: ENEL, SAIPEM, Morocco and LNG-Gazifier).
- Development of a Forecast Tool able to support Energy Market Trading Operations, the tool is currently in use in Swiss Company EGL AG.

- Development of a Scheduling Systems for the new Surgery Division of Galliera Hospital in Genoa resulting in an improve on the utilization of surgeons from 48% to 75% and a saving of more than 123 nursery shifts.
- Development of a model to support Operations Management in the Clinical Laboratory of Gaslini Pediatric Hospital in Genoa.
- Development of the new IBM Cognos 8 Budgetary Systems in Ospedale Pediatrico Bambino Gesù, Rome.
- Responsible of SAP R/3 QM Support Group in APTAR Pharmaceutical Company in cooperation with DIP Consortium/HP Consulting/Waystech;

*In all the works carried out in full compliance with the dictates of the DIPTM Industrial Plant group of Research – University of Genoa, there is the constant attempt to give not only new methodological and algorithmic contributions for the solution of plant planning and/or management problems but also new services by the means of advanced technologies typical of other disciplines such as the Artificial Intelligence (AI), the Information Technology, the Experimental Design*

### **Organization, Coordination of Research Teams**

In the course of MURST Co-financed Research Projects (n°9909112115 “Gestione Integrata di Sistemi Produttivi Interagenti – Metodi Avanzati per la Quick Response- WILD I (Integrated Management of Interacting Production Systems – Advanced Methods for the Quick Response - WILD I)” and n° MM09117398 “Gestione della Supply Chain Mediante Federazione di Simulatori Interagenti – WILD II (Management of the supply Chain by means of Federation of Interacting Simulators”) he coordinates the development of the HLA Simulation Platform of 7 Italian Universities (University of Genoa, University of L’Aquila, Politecnico di Bari, University of Florence, Politecnico di Milano, University of Naples, University of Salerno); on the same theme he has coordinated the work of two foreign university groups (RTU Riga Technical University and TU Delft).

In cooperation with the Prof. Eng. Gianni Mummolo of the Politecnico di Bari he has been the coordinator of a decision support system development based on Neural models and called TDIt, aiming to the analysis of the environmental impact, in compliance with the ISO14000, of the of Common Rail Pump production plant at the Bosch Group Diesel Italia Technology Factory.

In cooperation with the Prof. Robert Signorile of the Boston College MA (USA) he has coordinated the development of Multi-agent systems based on the Swarm Intelligence techniques applied to the simulation of complex systems by carrying out a Mobile Agent-based distributed simulation system implemented in JINI™ Technology (SwarmSimulation Agent Project).

In cooperation with the Prof. Edward J. Williams of the Dearnborn University MI (USA) he has developed a decision support system based on COTS simulators for the optimisation of the FORD Focus Production Line at the Hermosillo (MEXICO) Factory and the reorganisation of the complex PRC/PDCs Stock Management for the North America FORD Group.

He cooperated to the training transatlantic project IEPAL by coordinating the logistic aspects in the United States with the Prof.Mansoor Mollaghasemi (University of Central Florida FL), the Prof.Norbert Giambiasi (Université de Aix – Marseille III France), Prof. Erol Cesmebasi (Stevens Institute of Technology Hoboken NJ).

In cooperation with the following Universities: Zlin (CZ), Huddersfield (UK), Galway (IRL), Varkaus (FI), Riga(LV),Hradec Kralove (CZ), Plzen(CZ) he lead and coordinate the Italian Team of EU 6th Framework Program EVENE Project establish a Virtual Erasmus Framework. In particular he was responsible of 5 Master Level Courses (Maintenance Management, Project Management, Industrial Production Management, Economy Applied to Engineering). (Grant agreement number: 2005 - 3837 /001-001 ELE-ELEB12).

He was granted by the Italian Ministry of Foreign Affairs (MAE) of more than 450.000,00 € fund for the Relief Support in the Herat Province (Afghanistan) where he was responsible of training of more than 200 officials of the Herat Local Government.

He was responsible for Italian National Interest Project (PRIN2005) Modelli, Strumenti e Soluzioni per l’Industria dei RAEE (MESIR) MIUR 2005094804\_001, Development of an Operations Management Platform for supporting Reverse Logistics of Electric and Electronic Appliance Waste.

### **Coordination of Initiatives in the National and International Didactic and Scientific Field**

As member of the Socrates/Erasmus Commission, he coordinates the student mobility in the field of these projects and actively coordinates, in cooperation with the Bogazici University of Istanbul TK, the international student activity related to the ICAMES Project.

Starting from the Academic Year 1998/1999 he has supervised many Degree Thesis in Mechanical Engineering and Industrial and Management Engineering as co-examiner.

He has been the editor of the books "*Gestione della Supply Chain Mediante Federazione di Simulatori Interagenti: Compendium*" (Management of the Supply Chain through the Federation of Interacting Simulators: Compendium) and "*Gestione Integrata di Sistemi Produttivi Interagenti: Metodi Quantitativi Avanzati per la Quick Response*" (Integrated Management of Interacting Production Systems: Advanced Quantitative Methods for the Quick Response).

Since 1998 up to today he has participated to international meeting by personally showing memories concerning not only the Operations Management, AI and Simulation, but also the industrial methodologies and applications; moreover he has been charged to contact, on behalf of the DIPTM, Research bodies, industries and authorities in the Middle-East and, particularly, in Egypt.

In 2010 he visited Harvard University meeting and he was cited as "Distinguished Visitor" in *Office of the University Marshal 2009-2010 Report* (Appendix B: Visitor List for Academic Year 2009-2010).

He is member of the Editorial Board of the following International Journals:

- ***Journal of Engineering, Computing & Architecture***
- ***Journal of Computer Science, Informatics and Electrical Engineering***
- ***Journal of Mechanical, Aerospace and Industrial Engineering***
- ***International Journal of Information Systems and Supply Chain Management (IJISSCM)***
- ***JSE, Journal of Security Engineering***

He is member of the Editorial Board of the following Edited Book;

- ***Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications***

### **Publications**

#### A. International Journals (International Double Blinded Peer Review)

1. Revetria R., Bruzzone A.G., Mosca R., Rapallo S. (2000) "Risk Analysis in Harbour Environments Using Simulation", ***International Journal of Safety Science, Vol 35, ISSN 0925-7535***;
2. Revetria R., Bruzzone A.G., Mosca R., Orsoni A., (2001) "Forecasts Modelling in Industrial Applications Based on AI Techniques", ***International Journal of Computing Anticipatory Systems*** (extended from Proceedings of CASYS2001, Liege Belgium August 13-18), Vol 11, pp. 245-258, ***ISSN1373-5411***;
3. Revetria R., Tonelli F. (2002) Using Applet-Based Application to Improve Practices in Environmental Production Monitoring, ***International Journal of Simulation Series ISSN 0735-9276***, Volume 34 Issue 1 pp. 13-16, Society for Computer Simulation; 1999;
4. Revetria R. Bruzzone, A. G. Mosca, R. Orsoni, A. (2002) "Simulation-Based VV&A Methodology for HLA Federations: an Example from the Aerospace Industry", ***ANSS Annual Simulation Symposium Journal ISSN- 0272-4715***. VOL 35, pages 80-88;
5. Revetria R., Orsoni A., Bruzzone A. G. (2003) Framework Development for Web-Based Simulation Applied to Supply Chain Management, ***International Journal of Simulation Systems, Science & Technology*** Special Issue on: Performance Modelling & Optimisation, Volume 4, Number 1 & 2, May 2003, ***ISSN 1473-8031***, pp. 1-6;
6. Revetria R., Tonelli F. Mosca R. Pozzi Cotto S. (2002) "Manufacturing management Training Through Process-oriented Simulation Tool", ***International Journal of Simulation Series ISSN 0735-9276***, Volume 34 Part 1 pp. 58-64 Society for Computer Simulation; 1999;

7. Revetria R., Bruzzone A.G. (2002) "Reliability Analysis by Using Simulation for Complex Automated Plants" ***International Journal of Simulation Series ISSN 0735-9276***, Volume 34 Part 4 pp. 115-119 Society for Computer Simulation; 1999;
8. Revetria R., Bruzzone A. G. (2003) "VV&A for Innovative Concept Design in New Vessels Simulation and Virtual Prototypes" ***International Journal of Simulation Series ISSN 0735-9276***, Volume 35 Part 3 pp. 748-754 Society for Computer Simulation; 1999;
9. Revetria R. Bruzzone A. G. (2003) "Advances in Supply Chain Management: An Agent Based Approach for Supporting Distributed Optimization" ***International Journal of Simulation Series ISSN 0735-9276***, Volume 35 Part 3 pp. 497-502 Society for Computer Simulation; 1999;
10. Revetria R., Bruzzone A. G., Mosca R., Bocca E., and Briano E. (2005) "Agent Directed HLA Simulation for Complex Supply Chain Modeling" ***SIMULATION ISSN 0037-5497***, Sep 2005; Vol. 81 Numb. 9: 647 – 655;
11. Revetria R., Mosca R., Schenone M. (2005) "Improve Supply Chain Management Using Neural Networks And Regressive KPI Relationship Metamodels", ***International Journal of Computing Anticipatory Systems IJCAS, CHAOS, ISSN 1373-5411***;
12. Revetria R., Giribone P., Oliva F., Catania A. (2007) "Models For Supporting Sea Transportation Evolution: A Case Study For An International Harbor System" ***WSEAS Transaction of Systems ISSN 1109-2777*** Issue 4, Volume 6, April 2007 pp. 668-677;
13. Revetria R., Mosca R., Giribone P., Cassettari L., Cipollina S. (2008) "Theoretical Development and Applications of the MSPE Methodology in Discrete and Stochastic Simulation Models Evolving in Replicated Runs " ***International Journal of Engineering, Computing and Architecture ISSN1934-7197*** Volume 2, Issue 1;
14. Paolucci M., Revetria R., Tonelli F. (2008), "An Agent-based System for Sales and Operations Planning in Manufacturing Supply Chains", ***WSEAS Transaction on Business and Economics***, Issue 3, Vol. 5, pp. 96-105, ***ISSN 1109-9526***;
15. Caballini C., Puliafito P.P., Revetria R., Tonelli F. (2008) Simulation Based Design for a Railway Logistics Re-Engineering Project, Accepted for Publication in ***International Journal of Mathematics and Computer in Simulation, ISSN: 1998-0159***;
16. Giribone P., Revetria., Schenone M., Oliva F., Nikolova E., Peneva G. (2008) Tools and Techniques for Supporting Reverse Logistics Optimization: Methodology, Case Study and Project Proposal, ***International Journal Of Mathematics and Computers In Simulation***, Issue 2 Volume 2 ***ISSN: 1998-0159***;
17. Revetria R., Giribone P., Schenone M. Oliva F. (2007) Data Driven Simulation in the Health and Hospital Field: a Model for the "G. Gaslini" Clinical Pathology Laboratory Workout, ***International Journal Of Systems Applications, Engineering & Development*** Issue 4, Volume 1, 2007;
18. Revetria R., Oliva F., Taskov S. (2008) Application of Artificial Neural Networks for Business Process Meta-Modeling for Leading ERP Implementation, Accepted for Publication in ***WSEAS Transactions of Systems, ISSN: 1109-2777***;
19. Revetria R., Tonelli F., Forgia C. (2008) Using Nested Simulation For Evaluating Next Period Workload Anticipation Capability of a Control System, Accepted for Publication in ***International Journal of Computing Anticipatory Systems IJCAS, CHAOS, ISSN1373-5411*** (extended from Proceedings of CASYS2007, CHAOS, Liège, Belgium, August);
20. Bruzzone, A.G. Revetria, R. Brandolini, M. Massei, M. Simeoni, S (2004) Models for the Introduction of Mobile Technologies in External Logistics. ***International Journal of Simulation Series ISSN 0735-9276*** VOL 36; PART 2, page(s) 72-80 Society for Computer Simulation; 1999;
21. Cagetti, M.M. Cassettari, L. Mosca, R. Oliva, F. Revetria, R. (2006) Discrete Event Simulation Applied To A Reengineering Problem In A Railway Context ***International Journal of Simulation Series ISSN 0735-9276*** VOL 38; PART 4, page(s) 171-176 Society for Computer Simulation; 1999;
22. Bottarelli M., Revetria R., Taticchi P., Tonelli F. (2008) An Agent Based Tool to Support Tactical Dialogues in Industrial Enterprise Networks: model and experimental campaign, ***WSEAS Transactions On Business And Economics, ISSN: 1109-9526, Issue 8, Volume 5***, August 2008, pp. 422-438;
23. Roberto Revetria, Nicola P. Bianchi, Steve Evans, Flavio Tonelli, (2009) Influencing Factors Of Successful Transitions Towards Product-Service Systems: A Simulation Approach ***International Journal Of Mathematics And Computers In Simulation, Issn: 1998-0159, Issue 1, Volume 3***, 2009, pp. 30-43;
24. Roberto Revetria, Enrico Briano, Claudia Caballini, Marco Mosca, (2009) A System Dynamics Decision Cockpit For A Container Terminal: The Case Of Voltri Terminal Europe ***International Journal Of Mathematics And Computers In Simulation, Issn: 1998-0159, Issue 2, Volume 3***, 2009, pp. 55-64;

25. Roberto Revetria, Enrico Briano (2008) A Study Of Crowd Behavior In Emergency Tunnel Procedures *International Journal Of Mathematics And Computers In Simulation, Issn: 1998-0159, Issue 4, Volume 2*, 2008, pp. 195-205;
26. Roberto Revetria, Enrico Briano, Chiara Briano, Matteo Ugo Brandolini (2008) A Study Of Crowd Behavior In Emergency Tunnel Procedures *International Journal Of Mathematics And Computers In Simulation, Issn: 1998-0159, Issue 4, Volume 2*, 2008, pp. 338-348;
27. Roberto Revetria, Nicola P. Bianchi, Steve Evans, Flavio Tonelli, (2009) *Influencing Factors Of Successful Transitions Towards Product-Service Systems: A Simulation Approach International Journal Of Mathematics And Computers In Simulation, Issn: 1998-0159, Issue 1, Volume 3, 2009*, pp. 30-43;
28. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Two methodologies to support gas turbine power plant availability estimation: design of experiment and Montecarlo simulation, September 2010 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 9;
29. Enrico Briano, Claudia Caballini, Roberto Mosca, Roberto Revetria, Alessandro Testa (2010) Guidelines and perspectives to enhance Italian port competitiveness September 201 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 9;
30. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Resiliency and vulnerability in short life cycle products' supply chains: a system dynamics model April 201 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 4;
31. Francesco De Maria, Chiara Briano, Matteo Brandolini, Enrico Briano, Roberto Revetria (2010) Simulation models for back-office & retail store management integration in ERP April 2010 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 4;
32. Enrico Briano, Claudia Caballini, Roberto Mosca, Roberto Revetria, Alessandro Testa (2010) Study of an emergency situation using 2D and 3D simulation models April 2010 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 4;
33. Enrico Briano, Claudia Caballini, Roberto Mosca, Roberto Revetria (2010) Using logistic redesigner (Lo.R.D.) software for designing and simulating a steel supply chain February 2010 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 2;
34. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Objectives and perspectives for improving resiliency in supply chains February 2010 *WSEAS Transactions of Systems, ISSN: 1109-2777* , Volume 9 Issue 2;

#### B. International Books (with international double blinded peer review)

35. Revetria R. Mosca R. (2007) "Distributed Simulation in Industry" chapter 2 from Dr. Evon M. Abu-Taieh, "Simulation and Modeling: Current Technologies and Application" *ISBN 978-159904198-8 Idea Group, Inc., Hershey, PA 17033, USA*;
36. Mosca R., Cassettari L., Revetria R. (2010) Experimental Error Measurement in Monte Carlo Simulation Chapter 6 in Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications Edited by Evon M. O. Abu-Taieh and Asim Abdel Rahman El Sheikh, Information *Science Reference, Hershey, New York, USA, ISBN 978-1-60566-774-4 (hardcover), ISBN 978-1-60566-775-1 (ebook)*;
37. Revetria R., Tonelli F. (2010) Neural Networks and Regressive KPI Metamodels for Business Corporate Management: Methodology and Case Study, Chapter 22, Part VII in Business Performance Measurement and Management: New Context, Themes and Challenges, Edted by Paolo Taticchi, *Springer-Verlag, Berlin. ISBN 978-3-642-04799-2*;

#### C. International Edited Books

38. Revetria R., Cecchi A., Schenone M., Mladenov V., Zemliak A. (2007) "System Science and Simulation in Engineering", World Scientific and Engineering Society, *ISBN 978-960-6766-14-5, ISSN 1790-5117*;
39. Revetria R., Cecchi A., Mladenov V., Zemliak A. (2007) "New Horizons in Education and Educational Technology", World Scientific and Engineering Society, *ISBN 978-960-6766-16-9, ISSN 1790-5117*;
40. Revetria R., Cecchi A., Schenone M., Mladenov V., Zemliak A. (2007) "Challenges in Remote Sensing", World Scientific and Engineering Society, *ISBN 978-960-6766-17-6, ISSN 1790-5117*;
41. Revetria R., Cecchi A., Schenone M., Mladenov V., Zemliak A. (2007) "Computer Science Challenges" World Scientific and Engineering Society, *ISBN 978-960-6766-15-2, ISSN 1790-5117*;

42. Revetria R., Misra S., Sztandera L., Iliescu M., Zaharim A., Parsiani H (2008) "Recent Advances on Applied Computer Science", World Scientific and Engineering Society, **ISBN 978-960-474-028-4, ISSN: 1790-5109;**
43. Revetria R., Misra S., Sztandera L., Iliescu M., Zaharim A., Parsiani H (2008) "Recent Advances in Education and Educational Technology", **ISBN 978-960-474-029-1, ISSN: 1790-5109;**
44. Revetria R., Misra S., Sztandera L., Iliescu M., Zaharim A., Parsiani H (2008) "Recent Advances in Systems Science and Simulation in Engineering", **ISBN 978-960-474-027-7, ISSN: 1790-2769;**
45. Revetria R., Misra S., Sztandera L., Iliescu M., Zaharim A., Parsiani H (2008) "Recent Advances in Electric Power Systems, High Voltages and Electrical Machines", **ISBN 978-960-474-026-0, ISSN: 1790-5117;**
46. Revetria R., Misra S., Sztandera L., Iliescu M., Zaharim A., Parsiani H (2008) "Recent Advances in Remote Sensing", **ISBN 978-960-474-030-7, ISSN: 1790-2769;**
47. Roberto Revetria, Valeri Mladenov, Nikos Mastorakis (2009) Recent Advances in Applied Computer Science, Proceedings of the 9th WSEAS International Conference on APPLIED COMPUTER SCIENCE (ACS '09), University of Genova, Genova, Italy October 17-19, 2009 Published by WSEAS Press, October 2009 **ISSN: 1790-5109 ISBN: 978-960-474-127-4;**
48. Roberto Revetria, Valeri Mladenov, Nikos Mastorakis (2009) Recent Advances in Education and Educational Technology, Proceedings of the 8th WSEAS International Conference on EDUCATION and EDUCATIONAL TECHNOLOGY (EDU '09), University of Genova, Genova, Italy October 17-19, 2009, Published by WSEAS Press, October 2009 **ISSN: 1790-5109 ISBN: 978-960-474-128-1;**
49. Roberto Revetria, Valeri Mladenov, Nikos Mastorakis (2009) Recent Advances in System Science and Simulation in Engineering, Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING (ICOSSE '09), University of Genova, Genova, Italy October 17-19, 2009, Published by WSEAS Press, October 2009 **ISSN: 1790-276 ISBN: 978-960-474-131-1;**
50. Roberto Revetria, Valeri Mladenov, Nikos Mastorakis (2009) Recent Advances in Electric Power Systems, High Voltages, Electric Machines, Proceedings of the 9th WSEAS/IASME International Conference on ELECTRIC POWER SYSTEMS, HIGH VOLTAGES, ELECTRIC MACHINES (POWER '09), University of Genova, Genova, Italy October 17-19, 2009, Published by WSEAS Press, October 2009 **ISSN: 1790-5117 ISBN: 978-960-474-130-4;**
51. Roberto Revetria, Valeri Mladenov, Nikos Mastorakis (2009) Recent Advances in Remote Sensing, Published by WSEAS Press, Proceedings of the 5th WSEAS International Conference on REMOTE SENSING (REMOTE '09), University of Genova, Genova, Italy October 17-19, 2009, Published by WSEAS Press, October 2009 **ISSN: 1790-2769 ISBN: 978-960-474-129-8;**
52. Myriam Lazard, Andris Buikis, Yuriy S. Shmaliy, Roberto Revetria, Nikos Mastorakis, Olga Martin, Gabriella Bogнар, Siavash H. Sohrab, Daniel N. Riahi, Gilbert-Rainer Gillich (2011) Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications, Proceedings of the 11th WSEAS International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC '11) Proceedings of the 4th WSEAS International Conference on BIOMEDICAL ELECTRONICS and BIOMEDICAL INFORMATICS (BEBI '11) Proceedings of the International Conference on ENVIRONMENT, ECONOMICS, ENERGY, DEVICES, SYSTEMS, COMMUNICATIONS, COMPUTERS, PURE and APPLIED MATHEMATICS, Florence, Italy August 23-25, 2011, Published by WSEAS Press, August 2011 **ISBN: 978-1-61804-028-2.**
53. Myriam Lazard, Andris Buikis, Yuriy S. Shmaliy, Roberto Revetria, Nikos Mastorakis, Olga Martin, Gabriella Bogнар, Siavash H. Sohrab, Daniel N. Riahi, Gilbert-Rainer Gillich (2011) Recent Advances in Signal Processing, Computational Geometry and Systems Theory , Proceedings of the 11th WSEAS International Conference on SIGNAL PROCESSING, COMPUTATIONAL GEOMETRY and ARTIFICIAL VISION (ISCGAV '11) Proceedings of the 11th WSEAS International Conference on SYSTEMS THEORY AND SCIENTIFIC COMPUTATION (ISTASC '11), Florence, Italy August 23-25, 2011 , Published by WSEAS Press, August 2011 **ISBN: 978-1-61804-027-5;**
54. Myriam Lazard, Andris Buikis, Yuriy S. Shmaliy, Roberto Revetria, Nikos Mastorakis, Olga Martin, Gabriella Bogнар, Siavash H. Sohrab, Daniel N. Riahi, Gilbert-Rainer Gillich (2011) Recent Advances in Fluid Mechanics and Heat & Mass Transfer, Proceedings of the 9th IASME / WSEAS International Conference on FLUID MECHANICS & AERODYNAMICS (FMA '11) Proceedings of the 9th IASME / WSEAS International Conference on HEAT TRANSFER,

- THERMAL ENGINEERING and ENVIRONMENT (HTE '11), Florence, Italy August 23-25, 2011 , Published by WSEAS Press , August 2011 **ISBN: 978-1-61804-026-8**;
55. Zoran Bojkovic, Janusz Kacprzyk, Nikos Mastorakis, Valeri Mladenov, Roberto Revetria, Lotfi A. Zadeh, Alexander Zemliak (2011) Recent Researches in Artificial Intelligence, Knowledge Engineering and Data Bases, 10th WSEAS International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED '11), Cambridge, UK February 20-22, 2011, Published by WSEAS Press , February 2011 **ISSN: 1792-8117 ISBN: 978-960-474-273-8**;
  56. Zoran Bojkovic, Janusz Kacprzyk, Nikos Mastorakis, Valeri Mladenov, Roberto Revetria, Lotfi A. Zadeh, Alexander Zemliak (2011) Recent Researches in Energy & Environment, 6th IASME / WSEAS International Conference on ENERGY & ENVIRONMENT (EE '11), Cambridge, UK February 23-25, 2011, Published by WSEAS Press , February 2011 **ISSN: 1792-8230, ISBN: 978-960-474-274-5**
  57. Zoran Bojkovic, Janusz Kacprzyk, Nikos Mastorakis, Valeri Mladenov, Roberto Revetria, Lotfi A. Zadeh, Alexander Zemliak (2011) Recent Researches in Hydrology, Geology and Continuum Mechanics, 6th IASME / WSEAS International Conference on CONTINUUM MECHANICS (CM '11) 6th IASME / WSEAS International Conference on WATER RESOURCES, HYDRAULICS & HYDROLOGY (WHH '11) 5th IASME / WSEAS International Conference on GEOLOGY and SEISMOLOGY (GES '11), Cambridge, UK February 23-25, 2011, Published by WSEAS Press , February 2011 **ISSN: 1792-8370, ISSN: 1792-8397, ISSN: 1792-8419, ISBN: 978-960-474-275-2**;
  58. Zoran Bojkovic, Janusz Kacprzyk, Nikos Mastorakis, Valeri Mladenov, Roberto Revetria, Lotfi A. Zadeh, Alexander Zemliak (2011) RECENT RESEARCHES in COMMUNICATIONS, AUTOMATION, SIGNAL PROCESSING, NANOTECHNOLOGY, ASTRONOMY and NUCLEAR PHYSICS 10th WSEAS International Conference on ELECTRONICS, HARDWARE, WIRELESS and OPTICAL COMMUNICATIONS (EHAC '11), 10th WSEAS International Conference on SIGNAL PROCESSING, ROBOTICS and AUTOMATION (ISPRA '11), 3rd WSEAS International Conference on NANOTECHNOLOGY (NANOTECHNOLOGY '11), 6th WSEAS International Conference on OPTICS-ASTROPHYSICS- ASTRONOMY (ICOOA '11), 2nd WSEAS International Conference on PLASMA-FUSION-NUCLEAR PHYSICS (IPLAFUN '11), Cambridge, UK February 20-22,2011, Published by WSEAS Press , February 2011 **ISSN: 1792-8133, ISSN: 1792-8192, ISSN: 1792-8214, ISSN: 1792-815X, ISSN: 1792-8176, ISBN: 978-960-474-276-9**;
  59. Zoran Bojkovic, Janusz Kacprzyk, Nikos Mastorakis, Valeri Mladenov, Roberto Revetria, Lotfi A. Zadeh, Alexander Zemliak (2011) Recent Researches in Software Engineering, Parallel and Distributed Systems, 10th WSEAS International Conference on SOFTWARE ENGINEERING, PARALLEL and DISTRIBUTED SYSTEMS (SEPADS '11) Cambridge, UK February 20-22, 2011, Published by WSEAS Press , February 2011 **ISSN: 1792-8095, ISBN: 978-960-474-277-6**.

#### D. National Books

60. Bruzzone A., Mosca R., Revetria R. (2002) "Gestione della Supply Chain Mediante Federazione di Simulatori Interagenti: Compendium " " Stampato a Genova, Italia, novembre 2002, ISBN 88-900732-1-7.
61. Bruzzone A., Mosca R., Revetria R. (2001) " Gestione Integrata di Sistemi Produttivi Interagenti: Metodi Quantitativi Avanzati per la Quick Response" Stampato a Genova, Italia, novembre 2001, ISBN 88-900732-0-9.
62. Revetria R., Tonelli F. , Mosca R., (2008) "Come Migliorare la Gestione della Supply Chain Usando SCOR" from R. Mosca "Teoria, Metodi e Modelli per la Logistica e la Logistica Inversa" Franco Angeli Editore, ISBN 978-88-464-9642-3, pp 367, Milano, Italy;
63. Revetria R., Tonelli F. , Mosca R., (2008) "Modelli e Metodi Analitici per la Logistica Diretta ed Inversa" from R. Mosca "Teoria, Metodi e Modelli per la Logistica e la Logistica Inversa" Franco Angeli Editore, ISBN 978-88-464-9642-3, pp 367, Milano, Italy;

#### E. National Journals (With Review)

64. Giribone P., Revetria R. (1998) "Il Ragionamento Sfumato" In Beton Rivista di Assobeton – Associazione Nazionale Produttori manufatti Cementizi, n. 1 March;
65. Revetria R., Giribone P. (2006) Sviluppo Di Una Metodologia Di Simulazione Applicata al Controllo dell'esposizione Finanziaria Per Aziende Impiantistiche, ANIMP, Rivista Nazionale di Impiantistica Italiana;

## G. Plenary Speech & Invited Lectures

66. Revetria R. (2008) "Scenario And Risk Management Simulation For Supporting Strategical Operational Management in Process and Manufacturing Industry", Proceedings of 10th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS '08), Istanbul, Turkey, May 27-29, 2008;
67. Revetria R. (2007) "Reflective Simulation for On-Line Staff Scheduling: An Innovative Methodology in Distribution Logistics Industry Application", Proceedings of 7th WSEAS International Conference on Systems Theory And Scientific Computation (ISTASC'07), Vouliagmeni Beach, Athens, Greece, August 24-26, 2007
68. Revetria R. (2008) "System Dynamics Models for Business Process Optimization: An Application to Supply Chain Management", Invited to 8th WSEAS Int. Conf. on Simulation, Modelling And Optimization (SMO'08), Santander, Cantabria, Spain, September 23-25, 2008;
69. Bruzzone, Mosca R., Revetria R., Viazzo S., Briano C., Brandolini M., Rocca A. (2003) "Training Simulation based on HLA Technology for Logistics Purpose ", Invited Speech MAS2003, Bergeggi, Italy, October 2-4;
70. Revetria R. (2003) "NAVI: Learning HLA from an Interactive Exercise", SCSC2003 Invited Lecture, Montreal, Canada, July;
71. Bruzzone A. Carbone A., Revetria R., (1999) "VV&A Techniques in M&S Applications", Proceeding of Nato Meeting SG6 ST SBDVP, Rome, January;
72. Revetria R. (2009) Advances of Anticipation Models for On-Line Control in Steel Industry, 8th WSEAS Int.Conf. on System Science And Simulation In Engineering (ICOSSSE '09 ). Genova, Italy, October 17-19;
73. Roberto Revetria (2010) High level architecture (HLA) Principles for distributed simulation in industry: a framework for controlling federations over a WAN 4th WSEAS international conference on Computer engineering and applications (CEA'10), Harvard University, Cambridge, USA, January 27-29, 2010;
74. Revetria R. (2010) Les incubateurs technologiques: cse d'étude, Valorisation de la reserche scientifique:Mécanisme et Enjeux, Gabés, March 11-12;
75. Revetria R. (2010) Technological Incubators: a framework model for supporting new companies settings-up, Valorisation de la reserche scientifique:Mécanisme et Enjeux, Gabés, March 11-12;
76. Revetria R. (2011) Innovative Modeling Paradigms for Supporting Transition to Lean Healthcare, 11th WSEAS International Conference on SYSTEMS THEORY AND SCIENTIFIC COMPUTATION (ISTASC '11), Florence, Italy, August 23-25;

## H. International Proceedings (International Double Blinded Peer Review)

77. Bruzzone A., Mosca R., Revetria R. (2001) "Supply Chain Management over the web in Aerospace Industry by using Simulation: WILD", Proceedings of Virtuality2001, Turin November
78. Bruzzone A., Revetria R. (2001) "Web Based Modeling as Support for Industrial Maintenance", Proceedings of FAIM2001, Dublin, July 16-18
79. Bruzzone A., Roberto Mosca, Flavio Tonelli, R.Revetria, Vigano' G., Diglio G. (2001) "Advanced Issues in Distributed Verification and Validation Process for Supply Chain Management Simulation", Proceedings of HMS2001, Marseille, October 15-17
80. Bruzzone A.G, Mosca R., Revetria R., Tonelli F. (2002) "Sistemi Integrati di Gestione Avanzata per la Quick Response della Catena di Fornitura", Proceedings of XXIX Convegno Nazionale ANIMP, Sorrento, Italy October
81. Bruzzone A.G. Giribone P., Revetria R., Brandolini M., Briano C. (2000) " Modelling & Identification as A Decision Support System for Retail Chains", Proceedings of MIC, Innsbruck, February
82. Bruzzone A.G., Briano C., Giribone P., Revetria R. (1999) "Strumenti di Supporto per la Pre-Pianificazione Integrata di Impianti Industriali di Servizio", Proceedings of Giornate AICE-Bocconi, Milan, November
83. Bruzzone A.G., Giribone P, Revetria R. (1999) "Design and Management Issues in the Development of New Workshops using Web-Based Simulation and Neural Networks" Proceedings of FAIM99, Tilburg (NL) June 23-25
84. Bruzzone A.G., Giribone P., Mosca R., Revetria R. (2000) "Applied Neural Networks for Improving Production Capabilities", Special Interest Group on Advanced Techniques in Production Planning & Control, Firenze, March

85. Bruzzone A.G., Giribone P., Revetria R. (1999) "Operative Requirements and Advances for the New Generation Simulators in Multimodal Container Terminals" Proceedings of the 1999 Winter Simulation Conference ISBN 0-78083-5783-3 Phoenix AZ, December;
86. Bruzzone A.G., Giribone P., Revetria R. (2000) "Simulation as Educational Support for Production and Logistics in Industrial Engineering", Proceedings of WinterSim, Orlando, December
87. Bruzzone A.G., Giribone P., Revetria R. (2000)"Using Simulation to Re-Engineer the Supply Chain in Automotive Production" Proceedings of 14th European Simulation Multiconference, Ghent BE, May 23-26
88. Bruzzone A.G., Giribone P., Revetria R. (2001) "ANN As Support Tool for Automatic Coding System in Re-engineering Process", Proceedings of MIC2001, Innsbruck Austria, February
89. Bruzzone A.G., Giribone P., Revetria R. (2001) "Tecniche Innovative di Risk Management applicate alla Previsione ed al Contenimento degli Effetti degli Incidenti Catastrofici" Proceedings of Convegno Nazionale Sicurezza nei Sistemi Complessi, October 18-19
90. Bruzzone A.G., Giribone P., Revetria R. (2002) "Genetic Algorithms and Simulation for Aftersales Supply Chain Re-Engineering Process", Proceedings of MIC2002, Innsbruck, February 18-21
91. Bruzzone A.G., Giribone P., Revetria R. "Genetic Algorithms and Web Based Simulation for Facility Design " Proceedings of MCPL2000 Second Conference on Management and Control of Production and Logistic, Grenoble France, July 2000.
92. Bruzzone A.G., Giribone P., Revetria R., Scopinich A., Danio R. (2001), "Artificial Neural Networks As Support Tool For Automatic Coding System In Re-Engineering Process" Proceedings of the MIC2001 Conference, Innsbruck A, February 18-21
93. Bruzzone A.G., Giribone P., Revetria R., Simeoni S. (2001) "Potential of Artificial Intelligence Techniques and Simulation in Improving Container Terminal Performances", Proceedings of POMS2001, Orlando, March 31 April 2
94. Bruzzone A.G., Giribone P., Revetria R., Solinas F, Schena F. (1998) "Artificial Neural Networks as a Support for the Forecasts in the Maintenance Planning", Proceedings of Neurap 98, Marseilles, 11-13 March
95. Bruzzone A.G., Giribone R., Revetria R. (2002) "Integrating Small & Medium Enterprise in a E-Procurement using Java Applet Technology", Proceeding of SCI2002, Orlando, July
96. Bruzzone A.G., Mosca R., Orsoni A., Revetria R. (2002) "Simulation-Based VV&A Methodology for HLA Federations: an Example from the Aerospace Industry", Proceedings of 35th Annual Simulation Symposium, IEEE/SCS, San Diego April
97. Bruzzone A.G., Mosca R., Revetria R. (1999) "Object-Oriented Simulation for Evaluating Production Capability in Manufacturing" Proceedings della ESM99 13th European Simulation Multiconference ISBN 1-56555-171-0, Warsaw Poland, June;
98. Bruzzone A.G., Mosca R., Revetria R. (2001) "Web Integrated Logistics Designer: A HLA Ferderation Devoted to Supply Chain Management", Proceedings of Summer Computer Simulation Conference, Orlando, July 15-19
99. Bruzzone A.G., Mosca R., Revetria R. (2002) "Cooperation in Maritime Training Process using Virtual Reality Based and HLA Compliant Simulation", Proceedings of XVIII International Port Conference, Alexandria Egypt, January 27-29
100. Bruzzone A.G., Mosca R., Revetria R. (2002) "Supply Chain Management Dynamic Negotiation using Web Integrated Logistics Designer (WILD II)", Proceedings of MAS2002, Bergeggi October 3-5
101. Bruzzone A.G., Mosca R., Revetria R. (2002) "Web Integrated Logistics Designer and Intelligent Control for Supply Chain Management", Proceedings of Summer Computer Simulation Conference 2002, San Diego, July
102. Bruzzone A.G., Mosca R., Revetria R. "Simulation As Decision Support For Master Production Schedule Generation" Proceedings of the 2001 Advanced Simulation Technologies Conference, Seattle WA, April 22-26
103. Bruzzone A.G., Mosca R., Revetria R., (2001) "YACHTS-Yet Another Cooperative High Level Architecture Training Software", Proceedings of WinterSim2001, Washington DC December 9-12
104. Bruzzone A.G., Mosca R., Revetria R., Coppa A. (2001) "Simulation Application in Distributed Logistics", Proceedings of 6th ISL2001, Salzburg, July 8-10
105. Bruzzone A.G., Mosca R., Revetria R., Queirolo F. "A.i.R.M. Advances in Regression Metamodels" Proceedings of the Giornate AICE Workshop, Milano I, Novembre 2000
106. Bruzzone A.G., Orsoni A., Revetria R. (2002)"Chaotic System Study in Process Plants by using Artificial Neural Networks" to be Published in the Proceedings of the AI2002 Conference

107. Bruzzone A.G., R. Mosca, R. Revetria, A. Orsoni (2002) "System Architecture for Integrated Fleet Management: Advanced Decision Support in the Logistics of Diversified and Geographically Distributed Chemical Processing", Proceedings of AIS Simulation and Planning in High Autonomy Systems Conference, Lisbon, Portugal, April 7-10 pp. 309-314
108. Bruzzone A.G., Revetria R. (1999) "Artificial Neural Networks as Support for Logistics in Super-Market Chains", Proceedings of HMS99, Genoa, September 16-18
109. Bruzzone A.G., Revetria R. (2000) "Management in Modelling and Simulation Projects", Proceedings of SCI2000, Orlando, July
110. Bruzzone A.G., Revetria R. (2001) "Web Based Performance Models for Harbours", Proceedings of Sealift Conference, Hatton London, June 20-21
111. Bruzzone A.G., Revetria R. (2001) "Advanced Training System for Distributed Manufacturing" Proceedings of the 12th ITEC Conference, Lille F, April 24-26
112. Bruzzone A.G., Revetria R. (2003) "Advances in Supply Chain Management: An Agent Based Approach for Supporting Distributed Optimization", Proceedings of Summer Computer Simulation Conference, SCSC2003, Montreal, Canada, July 20-24
113. Bruzzone A.G., Revetria R. (2003) "Simulation as Support for Contract Negotiation", Proceedings of ASTC2003, Orlando FL USA, April
114. Bruzzone A.G., Revetria R. (2003) "VV&A for Innovative Concept Design in New Vessel Simulation and Virtual Prototype", Proceedings of Summer Computer Simulation Conference, SCSC2003, Montreal, Canada, July 20-24
115. Bruzzone A.G., Revetria R. (2003) "Web Based Distributed Simulation for Supporting Maritime Terminal Operation" Proceedings of the 19th International Port Conference Alexandria Egypt, January 26-28
116. Bruzzone A.G., Revetria R. Briano E. (2003) "Design of Experiment and Monte Carlo Simulation as Support for Gas Turbine Powerplant Availability Estimation" Proceedings of the 22nd IASTED International Conference of Modelling, Identification and Control, Innsbruck February A 10-13
117. Bruzzone A.G., Revetria R., Merkuriev Y., Merkurieva G., Diglio G. (2001) "Advances In HLA Based Education For Supply Chain Management " Proceedings of the 2001 HMS Conference, Marseille F, October 17-17
118. Bruzzone A.G., Revetria R., Briano C. (2002) "HLA Education in Supply Chain Management", Proceeding of SCI2002, Orlando, July
119. Bruzzone A.G., Revetria R., Orsoni A. (2001) "Framework development for Web-Based Simulation Applied to Supply Chain Management", Proceedings of UKSIM2001, Cambridge UK, March 28-30, pp 196-201
120. Bruzzone A.G., Revetria R., Simeoni S., Rocca A., Brandolini M. (2003) "HLA Simulation for Operation and Analysis and Component Design of Naval Platforms", Proceedings of HMS2003, Riga Latvia, September 18-20
121. Bruzzone Agostino, Revetria R., Genovese M., Rombi L. (2001) "Inventory Management by Integrating ERP Systems and Simulation Tools", Proceedings of SCI2001, Orlando, July 22-25
122. Giribone P., A. Orsoni, R. Revetria (2002) "Hybrid Decision Support for the Logistics of Refuse Collection in a Large Metropolitan Area", Proceeding of the IASTED International Conference on Applied Simulation and Modelling (ASM 2002), Crete, Greece, June 25-28 pp.263-268
123. Bruzzone A.G., Revetria R. (2002) "Reliability Analysis by using Simulation for Complex Automated Plants", Proceedings of ASTC2002, Business and Industry Symposium, Volume 34 Number 4 – ISBN: 1-56555-248-2, San Diego April;
124. Giribone P., Revetria R., Antonetti M., Tavolacci R.(2000) "Use of Artificial Neural Networks as Support for Energy Saving Procedures in Telecommunications" Proceedings of the ITELEC Conference, Phoenix AZ, September 10-14
125. Giribone P., Revetria R., Mantero E., Diglio G., Vigano'G., (2000) "A General Purpose System for Supporting Transportation System Re-Engineering", Proceedings of HMS2000, Portofino, October 5-7
126. Iavagnilio R. Mummolo G. Mossa G. Revetria R. "Integrating Simulation - Neural Networks Models for Monitoring Environmental Managements Systems in Manufacturing Industry" Proceedings of SCSC1999 Chicago IL July 11-15 SCS International ISBN 1-56555-173-7
127. Mosca R., Pozzi Cotto S., Revetria R. Tonelli F. (2002)"manufacturing Management Training through Process-Oriented Simulation Tool" Proceedings of The International Conference on Simulation and Multimedia in Engineering Education San Antonio TX, January 27-31
128. Mosca R., R. Revetria, A. Orsoni, F. Bertoni (2002) "Fleet Management System Requirements for the Maritime Logistics of the Chemical Industry", Proceedings of the 4th

- International Conference on the Modern Information Technology in the Innovation Process of the Industrial Enterprises (MITIP 2002), Savona, Italy, June 27-29 pp. 77-81
129. Mosca R., Revetria R., Tonelli F. "Simulation for Resource Allocation" Proceedings of the Business and Industry Simulation Symposium ISBN 1-56555-199-0 Washington D.C., April
  130. Revetria R. (2001) "Replenishment Policy Optimization Using the Simulation and the Fuzzy Logic Approach" Proceedings of The SCI2001 Conference, Orlando FL, July 22-25
  131. Revetria R. (2003) "Using Simulation for Chemical Bulk Loading-Unloading Operations", Proceedings of HMS2003, Riga Latvia, September 18-20
  132. Revetria R., Blomjous P.E.J.N. , van Houten S.P.A. (2003) "An HLA Federation for Evaluating Multi-Drop Strategies in Logistics", Proceedings of ESS2003, Delft NL, October
  133. Revetria R., Figini F., Sanguineti M., Caballini C. (2003) "Mobile Agents Driven Simulator for Supporting Distributed Maintenance", Proceedings of MAS2003, Bergeggi, Italy, October 2-4
  134. Revetria R., Tonelli F. (2002) "Web Based Application and Artificial Neural Networks for Life Cycle Assesment in Industry", Proceedings of WMC2002, San Antonio, TX January
  135. Revetria R., Tucci M. (2001) "Different Approaches in Making Simulation Languages Compliant with HLA Specification" Proceedings of the Summer Computer Simulation Conference, Orlando FL, July 14-19
  136. Testa A., P. Giribone, A. Orsoni, R. Revetria (2002) "Decision Support for the Logistics of Refuse Collection in a Large Metropolitan Area", Proceedings of AI Simulation and Planning in High Autonomy Systems Conference, Lisbon, Portugal, April 7-10 pp. 275-277
  137. Revetria R., Viazzo S., Briano E., Brandolini M.(2003) "Virtual Reality Simulation for Material Handling based on Open Source Technology", Proceedings of MAS2003, Bergeggi, Italy, October 2-4
  138. (2004) Giribone ,Melioli, Revetria "Continuous Simulation Models For Estimating Gasoline Cloud Behavior: A Case Study " Proceedings Of Sci2004, Orlando July;
  139. (2004) Mosca, Revetria, Briano, Savastano "Integrating Wireless Technologies And Data Warehousing For Distributed Imaging Based Support In An Orthodontic Practice" Proceedings Of lasted2004 Biomed, Innsbruck February;
  140. (2004) Bruzzone, Revetria, Tozzi, Necrisi, Lommi, Neri, Perra, Guagnano, Buonaccorsi, De Pasquale, Marra, Milani, Osso "Utilizzo Di Una Simulazione Distribuita Per La Verifica Di Interoperabilità In Applicazioni Navali" Proceedings Of Mimos 2004, Turin Novembre;
  141. (2004) Bruzzone A.G., Revetria R., Brandolini M., Massei M., Simeoni S. (2004) "Models for the Introduction of Mobile Technologies in External Logistics", Proceedings of ASTC2004, Arlington VA, April;
  142. (2004) Revetria R., Longo F., Ganapini A., Meister M. (2004) "SILLA2", Proceedings of ICAMES, ENSO, Bogazici University, Istanbul, May
  143. (2005) R. Revetria, R. Mosca, M. Schenone "Improve Supply Chain Management using neural networks and regressive KPI relationship metamodels" Proceedings of CASYS 2005, Liège (BE), August
  144. (2005) P. Giribone, R. Revetria, L. Cassetari "An integrated decision support system for improving ATP performances in S&ME" Published on Proceedings of European Simulation Multiconferences, Porto (P), October;
  145. (2005) R. Mosca, L. Cassetari, R. Revetria, G. Magro "Simulation as Support for production planning in Small & Medium Enterprise: A Case Study" Published in Proceedings of the 2005 Winter Simulation Conference, Orlando (FL), December;
  146. (2005) R. Revetria, C. Briano, E. Briano, A. Bruzzone "Models for supporting maritime logistics: a case study for improving terminal planning" Published in ESM2005 Riga (LV), June;
  147. (2005) R. Revetria, R. Mosca, C. Forgia "Top Down Modeling and Montecarlo Simulation for Financial & Cost Control In Complex Projects" Proceedings of Modelling, Identification & Control, Innsbruck A, January
  148. (2005) R. Revetria, M. Mosca, M. Schenone "Last Mile Logistics in Maritime Terminals: Methodologies, Tools and Techniques For Improving Performances" Proceedings of PTI2005, Alexandria Egypt, January
  149. (2005) R. Revetria, M. Schenone "Application of Project Management Techniques to a Software for Telecommunication Complex Project" Proceedings of SEA2005, Phoenix AZ, Novembre
  150. Revetria R., Forgia C., Catania A. (2006) Agent Based Vs Nested Simulation For Supporting On-Line Teller Scheduling In Groceries Supermarket Distribution: A Case Study Convegno Internazionale Esm2006, Toulouse
  151. Revetria R., Cagetti M.M., Forgia C., Taskov S. (2006) Arma & Neuro-Fuzzy Models For Supporting Spare Parts Inventory Management: A Case Study, Proceedings of MM2006;

152. Revetria R., Cagetti M.M., Giribone P., Forgia C. (2006) Neural Regressive Metamodels For Supporting Corporate Performance Management In Services Industries, Proceedings of Service College of OM, Poms
153. Revetria R., Cagetti M.M., Schenone M., Catania A., Forgia C. (2006) Applied Modeling And Simulation For Supporting Human Resource Training And Sea Port Performance Improvement Proceedings of PTI2006, Egypt
154. Revetria R., Cassettari L., Giribone P., Cagetti M.M., Votava V., Horeji P. (2006) "A Java Based Tool For Supporting High Level Architecture Federation Execution Control Over A Wan " Proceedings of Sci2006, Orlando
155. Revetria R., Cagetti M.M., Cassettari L., Oliva F., Mosca R. (2006) Discrete Event Simulation Applied To A Reengineering Problem In A Railway Context Proceedings of SCSC2006, Calgary
156. Revetria R., Cassettari L., Cagetti M.M., Cipollina S., Ferrara M., Peducci M., (2006) A Simulation Based Approach For Supporting Biomass Based Production Systems: Methodology And Case Study Proceedings of VAFSEP2006, Dublino
157. (2007) Cassettari L., Mosca R., Oliva F., Revetria R. Gestione Del Richio Derivante Da Trasporto Di Merci Pericolose Mediante Simulazione Montecarlo: Aspetti Progettuali Ed Operativi, Convegno Animp, Isola d'Elba, Aprile
158. (2007) Revetria R., Tonelli F., Forgia C. Using Nested Simulation For Evaluating Next Period Workload Anticipation Capability Of A Control System, Proceedings of CASYS2007, CHAOS, Liège, Belgium, August
159. (2007) Tonelli F., Bettani A., Revetria R., Lean Manufacturing In Italian Companies: A Survey On Correlations Between Practices Adoption And Plant Performance, Proceedings of EUROMA2007 ;
160. (2007) Giribone P., Revetria R., Oliva F., A Stochastic Simulation Model for Representing a Clinical Pathology Laboratory Workout, Proceedings of ICOSSE2007, Venice, Italy November ;
161. (2007) Revetria R., Giribone P., Oliva F., Integrate Clustering And Mathematical Programming For Supporting Reverse Logistics Optimization: Methodology And Case Study, Proceedings of ICOSSE2007, Venice, Italy November ;
162. (2007) Revetria R., Oliva F., Briano E., Modeling And Simulation For Supporting Investigative Inquiries In The Jp And Ps Sector, Proceedings of ICOSSE2007, Venice, Italy November ;
163. (2007) Paolucci M., Revetria R., Tonelli F. An Agent-based System for Sales and Operations Planning in Manufacturing, Proceedings of ICOSSE2007, Venice, Italy November ;
164. (2007) Guaganano A., Perra F., Dazzi N, Revetria R., Zaghi P. Asymmetric Threat : Maritime border control, Proceedings of MAST2007 Santa Margherita Ligure;
165. (2007) Giribone P., Oliva F., Revetria R Risk Management Of Dangerous Freight Using Monte Carlo Simulation: Project And Operation Sides, Proceedings of MIC2007, Innsbruck February
166. (2007) Mosca R., Revetria R., Cassettari L., Tonelli F., The Rsm Approach To Discrete Stochastic Simulation Models Of Complex Industrial Plants: Methodological Aspects And Limits Related To A Time-Varing Experimental Error, Proceedings of MITIP2007
167. (2007) Revetria R., Oliva F. Advances in Custom EDI Standardization: A Survey, Proceedings of PTI2007 23th International Port Conference Port & Technology 18 – 20 February, 2007 Hilton Green Plaza Hotel, Alexandria, Egypt
168. (2007) Revetria R., Tonelli F. Reflective Simulation For On-Line Workload Planning And Control, Proceedings of the 2007 Winter Simulation Conferente, Washington D.C., December
169. Revetria R., Forgia C. (2008) System Dynamics and Regressive Meta-Modeling Applied Methodology for Improving Management Performances in Services Industry: a Case Study in Supply Chain and Highway Maintenance, Proceedings of Spring Conference (SpringSim), Business Industrial Simposium, Ottawa, Canada, April 14-17;
170. Revetria R., Oliva F. (2008) A System Dynamic Model to Support Cold Chain Management in Food Supply Chain, Proceedings of CCM08 WSEAS Multiconference Heraklion, 22-26 July 2008;
171. Botarelli M., Taticchi P., Revetria R., Tonelli F. (2008) An Agent Based Tool to Support Tactical Dialogues in Industrial Enterprise Networks, Proceedings of ISC'2008, June 9-11, 2008, Universite de Lyon I, Lyon, France;
172. Caballini C., Puliafito P.P., Revetria R., Tonelli F. (2008) A Generalized Discrete Event Model to Support Railway Freights Logistics: Methodology and Case Study, Proceedings of Applied Mathematics, Simulation, Modelling 2008 June 1-3, 2008 Marathon Beach, Attica, Greece;

173. Revetria R. (2008) A System Dynamics Model for Supporting Harbor Logistics Monitoring, Proceedings of 24th International Annual Port Conference, 17- 19 February, Hilton Green Plaza, Alexandria – Egypt;
174. Revetria R., Oliva F., Taskov S. (2008) Artificial Neural Networks for Time Series Forecast: Methodology and Case Study for Supporting Spare Parts Inventory Management, Proceedings of 9th WSEAS Int. Conf. on Neural Networks (NN'08), Sofia, Bulgaria, May 2-4;
175. Revetria R., Briano E., (2008) E-Learning: Analysis Development And Opportunities Of The New Way Of Teaching In Italy, WBE08 Web Based Education, Innsbruck, Austria, March 17-19;
176. Revetria R., Oliva F., Cassetari L., Catania A. (2008) An Integrated Model For Evaluating Self Sustainability Of Bio-Energy Settlements: Technological, Economical And Social Aspects, Proceedings of the 2008 Winter Simulation Conference, Miami, USA, December 5-9;
177. Briano E., Caballini C., Mosca M., Revetria R. (2009) An Innovative Model for Supporting System Integration and Process Reengineering of a Railway Engine Manufacturing Company Workflow, Proceedings of CASYS 2009, Liège, BE, August 2009;
178. Belgrano F., Bertolotto A., De Leo M., Revetria R., Testa A., (2009) Anticipation Models for On-Line Control in Steel Industry: Methodologies and Case Study Proceedings of CASYS 2009, Liège, BE, August 2009;
179. Briano E., Caballini C., Revetria R. (2009) Anticipation Models for On-Line Control in Steel Industry: Methodologies and Case Study, Proceedings of Fubutec 2009,
180. Brandolini M. U., Briano C., Revetria R. (2009) A Metamodel For Evaluating New Key Performance Indexes On Top Products Selling In Retail Fashion: Methodology And Case Study, Proceedings of 6th Vienna International Conference on Mathematical Modelling February 11 - 13, 2009, Vienna University of Technology;
181. Brandolini M. U., Briano C., Caballini C., Puliafito P. P., Revetria R. (2009) Modeling And Simulation For Supporting Maritime Port Logistics And Operations: Retrospectives And Perspectives, Proceedings of PTI 2009 8-10 February, 2009 Hilton Green Plaza, Alexandria, Egypt;
182. Forgia C., Revetria R., Testa A., (2009) Applied Simulation to Support Steel Industry Re-Engineering, Planning and Operations: Methodologies and Case Studies, 2009 World Congress on Computer Science and Information Engineering (CSIE 2009), March 31 to April 2, 2009, Los Angeles/Anaheim, USA;

#### I. Technical Report & Invited Technical Speech

183. Revetria R., Giribone P., Bruzzone A. (2002) "Modelli di Simulazione Avanzata per il Design e l'Ottimizzazione delle Procedure Gestionali Marittime e Portuali", Meeting Ordine degli Ingegneri Provincia di Genova, November
184. Revetria Roberto (2002) "Modelling & Simulation in Italian Projects", Invited Speech ISAG Meeting at ITEC2002, Lille, April;
185. Revetria R., Viazzo S., Viazzi S. (2002) "ROSES: Reaction to Oil Spill Emergency & Simulation", Tech.Report of ICAMES, ENSO, Bogazici University, Istanbul, May
186. Bruzzone A.G., Mosca R., Revetria R., A.Orsoni (2002) "Report: Architetture Scheduling & Planning Simulation Verification, Validation & Accreditaion - Progetto LOGOS2001/2002", DIP Technical Report for GFI-Enichem-PolimeriEuropa, Genova
187. Revetria Roberto (2001) "Modelling & Simulation in Italian Projects", Invited Speech ISAG Meeting at ITEC2001, Lille, April
188. Bruzzone A.G., Revetria R., Burlando C. (2001) "DISPOS", Elsag Postal Division Technical Report, Genova
189. Revetria R., Mariangiolina G., Rombi L., (2001) "DICOSAP: DIP COOP Support and Advanced Planning ERP", Tech.Report of ICAMES, ENSO, Bogazici University, Istanbul, May
190. Bruzzone A.G., Revetria R. (2000) "FRINE: Forecasts Robust Intelligent Evaluator", Marconi Communication Report, Genova, November
191. Revetria R., Mantero E., Diglio G., Viganò G. (2000) "GILA: General Integrated Locomotive Administrator", Tech.Report of ICAMES, ENSO, Bogazici University, Istanbul, May
192. Revetria R., Carbone A. (1999) "Modelling & Simulation in Italian Projects", Invited Speech ISAG Meeting at ITEC1999, The Hague, April
193. R. Revetria (2002) "Sistemi di Produzione ed Impianti Industriali" Tesi di Dottorato XIV Ciclo, Università degli Studi di Parma"
194. Revetria R., Figini F., Sanguineti M., Caballini C. (2003) "DIROMATIC: DistRibuted Organizer, Manager & AgenT Interactive Control ", Tech.Report of ICAMES, ENSO, Bogazici University, Istanbul, May;

195. Revetria R., Mosca M., Caballini C., Briano E., (2009) An Innovative Model for Supporting System Integration and Process Reengineering of a Railway Engine Manufacturing Company Workflow Proceedings of CASYS'09, 9th International Conferente on Computing Anticipatory Systems, HEC-ULg, Liège, Belgium, August 3-8 ISSN 1373-4903, ISBN 2-930396-10-5; ACCETTATO PER PUBBLICAZIONE ESTESA IN JOURNAL
196. Revetria R. Testa A., De Leo M., Belgrano F., Bertolotto A. (2009) Anticipation Models for On-Line Control in Steel Industry: Methodologies and Case Study Proceedings of CASYS'09, 9th International Conferente on Computing Anticipatore Systems, HEC-ULg, Liège, Belgium, August 3-8 ISSN 1373-4903, ISBN 2-930396-10-5; ACCETTATO PER PUBBLICAZIONE ESTESA IN JOURNAL
197. Revetria R., Briano E., Caballini C., (2009) The Maintenance Management in The Highway Context: A System Dynamics Approach, Proceedings of FUBUTEC-2009, 6th Annual Future Business Technology Conference Simulation for Sustainability, April 15-17, 2009, Novotel Brugge Centrum, Bruges Belgium;
198. Revetria R., Briano E., Caballini C., Leonardo F., Musso E., (2009) Design And Simulation Of A Steel Supply Chain: The Case Of Ferrania Plant In Bormida Valley, Proceedings of 8th WSEAS Int.Conf. on System Science And Simulation In Engineering (ICOSSE '09 ). Genova, Italy, October 17-19; ACCETTATO PER PUBBLICAZIONE ESTESA IN JOURNAL
199. Revetria R., Briano E., Testa T. (2009) Behaviour Models For The Evacuation Of A Motorway Tunnel, Proceedings of 8th WSEAS Int.Conf. on System Science And Simulation In Engineering (ICOSSE '09 ). Genova, Italy, October 17-19; ACCETTATO PER PUBBLICAZIONE ESTESA IN JOURNAL
200. Revetria R., Briano E., Caballini C., Leonardo F., Musso E., (2009) Literature Review About Supply Chain Vulnerability And Resiliency, Proceedings of 8th WSEAS Int.Conf. on System Science And Simulation In Engineering (ICOSSE '09 ). Genova, Italy, October 17-19; ACCETTATO PER PUBBLICAZIONE ESTESA IN JOURNAL
201. Revetria R., Briano C. Briano E., Brandolini M., (2009) A Metamodel For Evaluating New Key Performance Indexes On Top Products Selling In Retail Fashion: Methodology And Case Study Proceedings of MATHMOD 2009 6th Vienna International Conference on Mathematical Modelling February 11 - 13, 2009 Vienna University of Technology.
202. Revetria R., Briano C. Briano E., Brandolini M., Caballini C., Puliafito P. P. (2009) Modeling And Simulation For Supporting Maritime Port Logistics And Operations: Retrospectives And Perspectives, Proceedings of IPC: 25 years in Seaports & Maritime Transport" Retrospectives & Perspectives ", The Silver Jubilee of the International Port Conferente, 8-10 February 2009, Alexandria, Egypt;
203. Revetria R., Testa A., Forgia C. (2009) Applied Simulation to Support Steel Industry Re-Engineering, Planning and Operations: Methodologies and Case Studies, Proceedings of 2009 World Congress on Computer Science and Information Engineering (CSIE 2009), March 31 to April 2, 2009, Los Angeles/Anaheim, USA;
204. Briano E. Caballini C. Giribone P. Revetria R. (2010) Design of Experiment and Montecarlo Simulation as Support for Gas Turbine Power Plant Availability Estimationt, Proceedings of The 12th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS '10), Catania, Sicily, May 29-31.
205. Briano E. Caballini Mosca R. Revetria R. Testa A. (2010) Proposing a System Dynamic approach to assess and improve Italian ports competitiveness, Proceedings of The 12th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS '10), Catania, Sicily, May 29-31.
206. Briano E. Caballini Mosca R. Revetria R. Testa A. (2010) Using of Systems Dynamics for Modeling Customers Flow from Residential Area to Selling Centers, Proceedings of The 12th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS '10), Catania, Sicily, May 29-31.
207. Enrico Briano, Claudia Caballini, Davide Modula, Roberto Revetria, Alessandro Testa (2010) A system dynamics approach for managing the LNG procurement for an offshore platform feeding a power plant, Proceedings of the 9th WSEAS international conference on System science and simulation in engineering, Iwate, Japan, October 4-6, 2010;
208. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Neural network models for the management of tests in power plants Proceedings of the 9th WSEAS international conference on System science and simulation in engineering, Iwate, Japan, October 4-6, 2010;
209. Claudia Caballini, Pietro Giribone, Roberto Revetria, Alessandro Testa (2010) Study and development of ad hoc algorithms for designing waste collection routes: test of capabilities

- Proceedings of the 9th WSEAS international conference on System science and simulation in engineering, Iwate, Japan, October 4-6, 2010;
210. Enrico Briano, Claudia Caballini, Roberto Mosca, Roberto Revetria (2010) Using WITNESS™ simulation software as a validation tool for an industrial plant layout Proceedings of the 9th WSEAS international conference on System science and simulation in engineering, Iwate, Japan, October 4-6, 2010;
  211. Enrico Briano, Claudia Caballini, Roberto Revetria, Maurizio Schenone, Alessandro Testa (2010) System Dynamics Simulation as a Decision Support System for Evaluating the Impact of a New Supermarket Opening on Urban Traffic Flows Proceedings of the 2010 Second International Conference on Advances in System Simulation, August 22-27, 2010 - Nice, France;
  212. Enrico Briano, Claudia Caballini, Roberto Mosca, Roberto Revetria, Alessandro Testa (2010) Using 2D and 3D modeling and simulation for emergency situations management Proceedings of the 4th WSEAS international conference on Computer engineering and applications (CEA'10), Cambridge, USA, January 27-29, 2010;
  213. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Using a system dynamics approach for designing and simulation of short life-cycle products supply chain Proceedings of the 4th WSEAS international conference on Computer engineering and applications (CEA'10), Cambridge, USA, January 27-29, 2010;
  214. Francesco De Maria, Chiara Briano, Matteo Brandolini, Enrico Briano, Roberto Revetria (2010) Integrating back-office & retail store management in ERP through simulation models Proceedings of the 4th WSEAS international conference on Computer engineering and applications (CEA'10), Cambridge, USA, January 27-29, 2010;
  215. Lucia Cassettari, Francesca Dagnino, Marco Mosca, Roberto Revetria (2010) Analysis of a urban route traffic flow exploiting the system dynamic model Proceedings of the 4th WSEAS international conference on Computer engineering and applications (CEA'10), Cambridge, USA, January 27-29, 2010;
  216. Enrico Briano, Claudia Caballini, Pietro Giribone, Roberto Revetria (2010) Using system dynamics for short life cycle supply chains evaluation. Winter Simulation Conference : 1820-1832, December 5-8, Baltimore, USA;
  217. E. Briano, C. Caballini, R. Mosca, R. Revetria, and A. Testa (2010) Managing a Motorway Tunnel Evacuation through 2-D/3-D Simulation Models, Proceedings of Modelling, Identification, and Control (MIC 2010), February 15 – 17, 2010 Innsbruck, Austria;
  218. Revetria R. (2011) An Anticipatory Control Systems Based on On-Line Real-Time Simulation for Supporting Rescheduling of Complex Industrial Plants with High Automation System, Proceedings CASYS'11 - International Conference on COMPUTING ANTICIPATORY SYSTEMS – HEC Management School – University of Liege, LIEGE, Belgium, August 8-13;
  219. Cassettari L., Mosca R., Revetria R. Rolando F. (2011) Sizing of a 3,000,000t Bulk Cargo Port through Discrete and Stochastic Simulation Integrated with Response Surface Methodology Techniques, Proceedings of 11th WSEAS International Conference on SYSTEMS THEORY AND SCIENTIFIC COMPUTATION (ISTASC '11), Florence, Italy, August 23-25;
  220. Briano E., Mosca R., Revetria R., Testa A. (2011) A Simplified Human Cognitive Approach for Supporting Crowd Modeling in Tunnel Fires Emergency Simulation, Proceedings of The Twenty-fourth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE 2011), June 28 - July 1, 2011 Syracuse, New York, USA;
  221. Cassettari L., Mosca R., Revetria R., Testa A. Innovative Healthcare Modeling Methodology based on System Dynamics and State Transition Diagrams (2011) INFORMS Simulation Society Research Workshop, Simulation in Complex Service Systems, HEC - Montréal, Canada, Canada July 18--20, 2011;
  222. Revetria R., Testa A. (2011) Use of System Dynamics for modelling the logistic facilities of an offshore supply base operated by a multinational Company, Modelling, Simulation, and Identification, MSI 2011, November 7 – 9, 2011 Pittsburgh, USA;
  223. Revetria R. (2011) A Systems Dynamics General Model for Supporting Transition to Lean Healthcare", Proceedings of 2011 POMS Annual Conference. April 29 to May 2, 2011, Reno, Nevada, U.S.A.;
  224. Revetria R. (2011) An innovative hybrid simulation approach for supporting maritime logistics, Proceedings of International Conference on Maritime Transport and Logistics: "A vision for Future Integration" on 18 – 20 December 2011, Alexandria, Egypt;
  225. Revetria R., Testa A., Mosca R., Bertolotto A. (2011) A Flexible Modeling Approach for Supporting Rapid Business Simulations, Proceedings of 10th International Conference on Software Methodologies, Tools and Techniques (SoMeT\_11) September 28-30, 2011, Saint Petersburg, Russia.

226. Revetria R., Testa A., Cassettari L., Ferri F., Frasccheri S. (2011) Proposing a System Dynamic approach to evaluate the fitness-for-purpose of the logistic facilities of an offshore supply base operated by a multinational Company, Proceedings of XVI Summer School "Francesco Turco" Industrial Mechanical Plants - SSD ING-IND/17 Abano Terme (Padova, Italy) - 14-16 September;
227. Revetria R., Testa A., Cassettari L. (2011) A GENERALIZED SIMULATION FRAMEWORK TO MANAGE LOGISTIC SYSTEMS: A CASE STUDY IN WASTE MANAGEMENT AND ENVIRONMENTAL PROTECTION, Proceedings of the 2011 Winter Simulation Conference, December 11-14, Phoenix, AZ, USA;
228. Revetria R., Mosca R. (2011) ON-LINE and real time simulation framework for supporting production optimization in steel manufacturing industry, Proceedings of the 2011 Winter Simulation Conference, December 11-14, Phoenix, AZ, USA;
229. Francesco De Maria, Chiara Briano, Matteo Brandolini, Enrico Briano, Roberto Revetria (2011) Market-leader ERPs and cloud computing: a proposed architecture for an efficient and effective synergy Proceedings of the 10th WSEAS international conference on Applied computer and applied computational science, Venice, Italy, March 8-10, 2011;

#### L. Project Reports and Tutorials

230. Revetria R., Briano E. (2011) Models for Strategics Plans and Conflict Resolution, Herat Province, Afghanistan Project, Università degli Studi di Genova, DIPTTEM.
231. Revetria R., Briano E. (2011) Models for Strategics Plans and Conflict Resolution Application Case Study: Siting a Municipal Solid Waste Plant in a Metropolitan Area, Herat Province, Afghanistan Project, Università degli Studi di Genova, DIPTTEM.
232. Revetria R., Spulber D. (2011) Organization of Tenders and Contracts, Herat Province, Afghanistan Project, Università degli Studi di Genova, DIPTTEM.
233. Revetria R., (2011) Project Management, Afghanistan Project, Università degli Studi di Genova, DIPTTEM.
234. Revetria R., (2011) Training Guide, Afghanistan Project, Università degli Studi di Genova, DIPTTEM.
235. Revetria R. (2002) "Modelli di Simulazione per gli Impianti Industriali" Pubblicazione interna del DIP Università degli Studi di Genova
236. Revetria R. (2001) "Logistica Esterna" Pubblicazione interna del DIP Università degli Studi di Genova
237. Giribone P., Revetria R. "Il Problema del Layout" Pubblicazione interna del DIP Università degli Studi di Genova
238. Bruzzone A.G., Revetria R. (2000) "High Level Architecture – Components, Rules, Interfaces, RTI, OMT, Fedep – Module I" Pubblicazione interna del MISS-DIP, Siren Simulation & Reporting Università degli Studi di Genova
239. Bruzzone A.G., Revetria R. (2000) "High Level Architecture – Federation Components, Federate Components, FedExec – Module II" Pubblicazione interna del MISS-DIP, Siren Simulation & Reporting Università degli Studi di Genova
240. Bruzzone A.G., Revetria R. (2000) "High Level Architecture Message, Publications/Subscriptions, TSO/RO, Time Management – Module III" Pubblicazione interna del MISS-DIP, Siren Simulation & Reporting Università degli Studi di Genova
241. Bruzzone A.G., Revetria R. (2000) "High Level Architecture Declaration Management, Object Management, Update/Reflect – Module IV" Pubblicazione interna del MISS-DIP, Siren Simulation & Reporting Università degli Studi di Genova
242. Bruzzone A.G., Revetria R. (2000) "High Level Architecture – Federation Lyfe Cycle– Module V" Pubblicazione interna del MISS-DIP, Siren Simulation & Reporting Università degli Studi di Genova
243. Bruzzone A.G., Giribone P. Mosca R. Revetria R. (1999) "Reti Neurali Artificiali Applicate agli Impianti Industriali" Pubblicazione interna del DIP Università degli Studi di Genova
244. (2004) R. Revetria "Gestione della Manutenzione 1 Dispense al Corso", (700 slides)
245. (2004) R. Mosca, R. Revetria "Impianti Industriali 1, Dispense al Corso" (400 slides)
246. (2004) R. Revetria A. Catania "Workshop sul Project Management, Dispense" (500 slides)
247. (2005) R. Revetria C. Forgia "Logistica Distributiva", (300 lucidi)
248. (2005) R. Revetria A. Catania "Workshop sul Risk Management, Dispense" (200 slides)
249. (2005) R. Revetria C. Forgia "Workshop sul Risk Management nel Settore Sanità, Dispense" (600 slides)

250. (2007) R. Revetria, C. Forgia, A. Catania "Industrial Plant 1 (Project Management)" E-Learning Course EVENE Project, AuthorPro, eLearning Call for Proposals DG EAC/23/05;
251. (2007) R. Revetria, C. Forgia, A. Catania "Maintenance Management 1 (MAMA)" E-Learning Course EVENE Project, AuthorPro, eLearning Call for Proposals DG EAC/23/05;