# Elenco dei titoli e delle pubblicazioni scientifiche

# Settore Concorsuale:09/B2 - IMPIANTI INDUSTRIALI MECCANICI

# Prima Fascia

# ROBERTO REVETRIA

## Posizione accademica

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| Settore Scientifico Disciplinare: | ING-IND/17 - Impianti industriali meccanici |
| Qualifica: | Professore Ordinario |
| Anzianità nel ruolo: | 30/12/2011 |
| Sede Universitaria: | Università degli Studi di GENOVA |
| Struttura di afferenza (dipartimento o altro): | Ingegneria meccanica,energetica,gestionale e dei trasporti (DIME) |

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

| Periodo | Fascia | Ateneo |
|---|---|---|
| 01/11/2000 | Ricercatore Universitario | Università degli Studi di GENOVA |
| 01/01/2007 | Professore II Fascia | Università degli Studi di GENOVA |
| 30/12/2011 | Professore I Fascia | Università degli Studi di GENOVA |

# Pubblicazioni scientifiche

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| 1 | 2015 | Articolo in rivista<br>Damiani Lorenzo, Revetria Roberto (2015). New steam generation system for lead-cooled fast reactors, based on steam re-circulation through ejector. APPLIED ENERGY, vol. 137, p. 292-300, ISSN: 0306-2619, doi: 10.1016/j.apenergy.2014.10.014 |
| 2 | 2015 | Articolo in rivista<br>Revetria Roberto, Guizzi Guido, Giribone Pietro (2015). Renewable energy sources integrated with electric power supply in manufacturing companies: A management model. INTERNATIONAL JOURNAL OF POWER & ENERGY SYSTEMS, vol. 35, p. 161-166, ISSN: 1078-3466, doi: 10.2316/Journal.203.2015.4.203-6213 |
| 3 | 2015 | Articolo in rivista<br>Damiani Lorenzo, Giribone Pietro, Revetria Roberto, Pini Prato Alessandro (2015). A passive decay heat removal system for the lead cooled fast reactor demonstrator "Alfred". PROGRESS IN NUCLEAR ENERGY, vol. 83, p. 294-304, ISSN: 0149-1970, doi: 10.1016/j.pnucene.2015.04.005 |
| 4 | 2014 | Articolo in rivista<br>L.Damiani, R. Revetria (2014). Numerical Exergetic Analysis of Different Biomass and Fossil Fuels Gasification. INTERNATIONAL JOURNAL OF RENEWABLE ENERGY & BIOFUELS, vol. 2014, p. 1-18, ISSN: 2333-0589, doi: 10.5171/2014.505496 |
| 5 | 2014 | Articolo in rivista<br>DamianiL., Prato A. P., Revetria R. (2014). Innovative steam generation system for the secondary loop of "ALFRED" lead-cooled fast reactor demonstrator. APPLIED ENERGY, vol. 121, p. 207-218, ISSN: 0306-2619, doi: 10.1016/j.apenergy.2014.02.014 |
| 6 | 2014 | Articolo in rivista<br>Revetria R. (2014). An Anticipatory Control System Based on On-Line Real-Time Simulation for Supporting Rescheduling of Complex Industrial Plants with High Automation System. CASYS: INTERNATIONAL JOURNAL OF COMPUTING ANTICIPATORY SYSTEMS, p. 211-222, ISSN: 1373-5411 |

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| 7 | 2014 | Contributo in volume (Capitolo o Saggio)<br>S. Filippi, P. Giribone, R. Revetria, A. Testa, G. Guizzi, E. Romano (2014). Design Support System of Fishing Vessel Through Simulation Approach. In: Kim Haeng Kon Ao Sio-Iong Amouzegar Mahyar A.. Transactions on Engineering Technologies. p. 615-629, Springer Netherlands, ISBN: 9789401791144, doi: 10.1007/978-94-017-9115-1_45 |
| 8 | 2014 | Contributo in Atti di convegno<br>L. Damiani, P. Giribone, R. Revetria, A. Testa (2014). An innovative model for supporting FMEA/FMECA analysis on complex coal fired power plants. In: Proceedings of the IASTED International Conference on Modelling, Identification and Control. p. 99-106, ACTA Press, ISBN: 9780889869660, Innsbruck (Austria), 17/02/2014, doi: 10.2316/P.2014.809-049 |
| 9 | 2014 | Contributo in Atti di convegno<br>Roberto Revetria, Gulnora Mirzalieva, Kodirjon Umarkulov (2014). System Dynamics Model for Simulation the Most Effective Elimination of Accidental and Operational Injuries at the Public Transport and Prospect of using IT Innovations (SBA). In: RECENT ADVANCES in ECONOMICS, MANAGEMENT and MARKETING. p. 106-111, WSEAS, ISBN: 9789604743643, Cambridge, MA, USA, 29/01/2014 |
| 10 | 2014 | Contributo in Atti di convegno<br>Roberto Revetria, Umarkulov Kodirjon Maxamadaminovich, Gulnora Mirzaliyeva (2014). Production Advantages in Textile and Light Industry and Features of Effective using of them in Uzbekistan. In: RECENT ADVANCES in ECONOMICS, MANAGEMENT and MARKETING. p. 93-98, WSEAS, ISBN: 9789604743643, Cambridge, MA, USA, 29/01/2014 |
| 11 | 2014 | Contributo in Atti di convegno<br>Angelo Musaio, Roberto Revetria, Sardarbek Omurbekov (2014). Providing Science Efficiently in Physics and Computer Science in Kyrgyzstan Remote Schools by using Simulation and Virtual Reality. In: MODERN COMPUTER APPLICATIONS in SCIENCE and EDUCATION. p. 229-234, WSEAS, ISBN: 9789604743636, Cambridge, MA, USA, 29/01/2014 |
| 12 | 2014 | Contributo in Atti di convegno<br>Angelo Musaio, Roberto Revetria, Yerzhan Zharov (2014). The Main Economic Aspects of Completing and Use of Agricultural Machinery in the Conditions of Plant Growing of Kazakhstan. In: Recent Advances in Economics, Management and Marketing. p. 135-138, WSEAS, ISBN: 9789604743643, Cambridge, MA, USA |

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| 13 | 2014 | Contributo in Atti di convegno<br>Angelo Musaio, Roberto Revetria, Hojaev Ulugbek Azimboyevich, Ataniyazov Zarif Shuxratovich (2014). Land and Water Use Reforms in Rural Uzbekistan and Analysis for the Region Khorezm. In: Recent Advances in Economics, Management and Marketing. p. 127-131, WSEAS, ISBN: 9789604743643, Cambridge, MA, USA, 29/01/2014 |
| 14 | 2014 | Contributo in Atti di convegno<br>Lorenzo Damiani, Pietro Giribone, Roberto Revetria, Alessandro Testa (2014). An Innovative Model for Supporting Energy-based Cost Reduction in Steel Manufacturing Industry Using Online Real-time Simulation. In: Proceedings of the World Congress on Engineering and Computer Science 2014 Vol II. p. 1-7, ISBN: 9789881925374, San Francisco, USA, 22-10_2014 |
| 15 | 2014 | Curatela<br>Roberto Revetria (a cura di) (2014). Recent Advances in Economics, Management and Marketing. BUSINESS AND ECONOMICS SERIES, p. 1-139, WSEAS, ISBN: 9789604743643, ISSN: 2227-460X |
| 16 | 2014 | Altro<br>L. Damiani, J Dellacha, A. Pini Prato, R.Revetria (2014). Simulation model of a nodes for smart grid applications, equipped with photovoltaic panel, energy storage and electric vehicle. |
| 17 | 2013 | Articolo in rivista<br>Lucia Cassettari, Roberto Mosca, Roberto Revetria, Fabio Rolando (2013). Effectiveness and limits of response surface methodology in application to discrete and stochastic simulation of manufacturing plants. APPLIED MATHEMATICAL SCIENCES, p. 4137-4172, ISSN: 1312-885X |
| 18 | 2013 | Contributo in Atti di convegno<br>Cassettari L., Morrison J.B., Mosca R., Orfeo A., Revetria R., Rolando F. (2013). A System Dynamics study of an Emergency Department impact on the management of hospital's surgery activity. In: Proceedings of the. p. 597-604, ISBN: 9789898565693 |
| 19 | 2013 | Contributo in Atti di convegno<br>GUIDO GUIZZI, ROBERTO REVETRIA, ELPIDIO ROMANO (2013). Port Training using simulation methodology. In: Recent Advances in Mathematics. p. 231-240 |
| 20 | 2013 | Contributo in Atti di convegno<br>Arata G., Revetria R., Testa A. (2013). An integrate lean simulation model for supporting hydroelectric and biomass energy production systems: methodology and case study. In: Musaio A., Dvoretskii S.I.. Science and education for sustainable development of economy, nature and society Proceedings. p. 115-129, Tambov:Tambov Technical University, ISBN: 9785912534935, Tambov, Russian Federation, 6/06/2013 |

| 21 | 2013 | Contributo in Atti di convegno<br>P. Giribone, R. Revetria, A. Testa (2013). A guideline for choosing the best modeling approach for maritime logistic simulation. In: Intelligent Software Methodologies, Tools and Techniques (SoMeT). p. 107-114, ISBN: 9781479904198, Budapest (Hungary), 22/09/2013, doi: 10.1109/SoMeT.2013.6645649 |
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| 22 | 2013 | Contributo in Atti di convegno<br>P. Giribone, R. Revetria, A. Testa, G. Vernengo, E. Rizzuto, R. Longo, A. Lo Nigro (2013). A Simulation Based Methodology for Supporting CNG Ship Design. In: Recent Advances in Mathematics. p. 210-216, ISBN: 9781618041586, Cambridge, MA, USA, 30/01/2013 |
| 23 | 2013 | Contributo in Atti di convegno<br>S. Filippi, P. Giribone, R. Revetria, A. Testa (2013). An integrated model for supporting better fishering vessel design by modeling fish schools dynamics ready for HLA. In: Lecture Notes in Engineering and Computer Science. p. 1009-1016, Newswood Limited, ISBN: 9789881925312, San Francisco, CA; United States, 23/10/2013 |
| 24 | 2013 | Contributo in Atti di convegno<br>P. Giribone, R. Revetria, A. Testa (2013). Simulation Models for Supporting Hedging in Illiquid Markets. In: Recent Advances in Mathematics. p. 196-201, ISBN: 9781618041586, Cambridge, MA, USA, 30/01/2013 |
| 25 | 2013 | Contributo in Atti di convegno<br>L. DAMIANI, P. GIRIBONE, R. REVETRIA, A. TESTA (2013). A different use for Systems Dynamics formalism in harbor modeling: a case study. In: Recent Advances in Systems Science. p. 21-26, ISBN: 9789604743148, Rodi (Grecia), 16/07/2013 |
| 26 | 2013 | Abstract in Atti di convegno<br>Roberto Revetria (2013). Using Systems Dynamics Formalism as Base for an Innovative Hybrid Modeling Approach: Methodology and Case Study. In: RECENT ADVANCES in MATHEMATICS. p. 19-20, WSEAS, ISBN: 9781618041586, Cambridge, MA, USA, 30/01/2013 |
| 27 | 2012 | Articolo in rivista<br>L Cassettari, R Mosca, R Revetria (2012). Monte Carlo Simulation Models Evolving in Replicated Runs: A Methodology to Choose the Optimal Experimental Sample Size. MATHEMATICAL PROBLEMS IN ENGINEERING, vol. 2012, p. 1-17, ISSN: 1024-123X |
| 28 | 2012 | Articolo in rivista<br>Cassettari L., Mosca R., Revetria R. Rolando F. (2012). Sizing of a 3,000,000t Bulk Cargo Port through Discrete and Stochastic Simulation Integrated with Response Surface Methodology Techniques. INTERNATIONAL JOURNAL OF SYSTEMS APPLICATIONS, ENGINEERING & DEVELOPMENT, vol. 6, p. 87-97, ISSN: 2074-1308 |

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| 29 | 2012 | Articolo in rivista<br>M. Gallo, R. Revetria, E. Romano (2012). A pull management model for a production cell under variable demand conditions. INTERNATIONAL JOURNAL OF MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES, vol. 6, p. 519-526, ISSN: 1998-0140 |
| 30 | 2012 | Contributo in Atti di convegno<br>R. Revetria, A. Catania, L. Cassettari, G. Guizzi, E. Romano, T. Murino, G. Improta, H. Fujita (2012). Improving healthcare using cognitive computing based software: An application in emergency situation. In: Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). p. 477-490, Springer Verlag, ISBN: 9783642310867, Dalian; China, 09/06/2012, doi: 10.1007/978-3-642-31087-4_50 |
| 31 | 2012 | Contributo in Atti di convegno<br>G. Guizzi, R. Revetria, D. Chiocca, E. Romano (2012). A dynamic Milk Run in WEEE Reverse Logistics. In: ADVANCES in COMPUTER SCIENCE. p. 478-484, WSEAS, ISBN: 9781618041265, Prague, Czech Republic, 24/09/2012 |
| 32 | 2012 | Contributo in Atti di convegno<br>P. Giribone, G. Guizzi, T. Murino, E. Romano, R. Revetria, A. Testa (2012). Combined Simulation for improving Operations in LNG Logistics: a Case Study. In: Proceeding of 6th WSEAS International Conference on Computer Engineering and Applications. p. 271-276, ISBN: 9781618040640, Cambridge, MA, USA, 25/01/2012 |
| 33 | 2012 | Contributo in Atti di convegno<br>CASSETTARI L., GALLO M., MONTELLA D.R., REVETRIA R., ROMANO E., TESTA A. (2012). Analysis of demand variability in a kanban cell by Virtual Kanban Strategy. In: -. Applied Mathematics in Electrical and Computer Engineering. p. 366-370, ISBN: 9781618040640 |
| 34 | 2012 | Contributo in Atti di convegno<br>Murino T., Naviglio G., Romano E., Guerra L, L Cassettari, R Mosca, R Revetria (2012). A WORLD CLASS MANUFACTURING IMPLEMENTATION MODEL. In: -. Applied Mathematics in Electrical and Computer Engineering. p. 371-376, ISBN: 9781618040640 |
| 35 | 2012 | Contributo in Atti di convegno<br>Chiocca D., Guizzi G., Naviglio G., Iuliano A., Revetria R., Mosca R., Cassettari L. (2012). Scheduling Activity Based on Hybrid Manufacturing Systems. In: -. Applied Mathematics in Electrical and Computer Engineering. p. 382-388, ISBN: 9781618040640 |

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| 36 | 2012 | Contributo in Atti di convegno<br>Giacomo Arata, Silvana Frascheri, Roberto Revetria, Alessandro Testa (2012). Evaluating Different Scenario in Maritime Coal Supply Chain Using Simulation. In: Volume 246: New Trends in Software Methodologies, Tools and Techniques. p. 573-589, IOS Press Amsterdam, doi: 10.3233/978-1-61499-125-0-573 |
| 37 | 2012 | Contributo in Atti di convegno<br>Arata G., Frascheri S., Revetria R., Testa A. (2012). A Simulation Study for Supporting Maritime Coal Supply Chain Design. In: Volume 246: New Trends in Software Methodologies, Tools and Techniques. p. 558-572, IOS Press Amsterdam, doi: 10.3233/978-1-61499-125-0-558 |
| 38 | 2012 | Contributo in Atti di convegno<br>Roberto Revetria, Alessandro Catania, Barbara Catania, Bruno Filippo Mazzarello (2012). Digital TV as Monitoring System for Elderly People Health Care. In: Volume 246: New Trends in Software Methodologies, Tools and Techniques. p. 413-423, IOS Press Amsterdam, ISBN: 9781614991243, doi: 10.3233/978-1-61499-125-0-413 |
| 39 | 2012 | Contributo in Atti di convegno<br>REVETRIA R., TESTA A., CASSETARI L., GUIZZI G., ROMANO E., GALLO M. (2012). Improving Drilling Operations Management Using Combined Simulation. In: Applied Mathematics in Electrical and Computer Engineering. p. 263-270, WSEAS, ISBN: 9781618040640, Cambridge MA, USA,, 25/01/2012 |
| 40 | 2012 | Contributo in Atti di convegno<br>G. Guizzi, E. Romano, L.C. Santillo, R. Revetria, A. Testa, L.C. Cassettari (2012). Advanced Modeling Methodology based on System Dynamics in Healthcare. In: Applied Mathematics in Electrical and Computer Engineering. p. 127-132, WSEAS, ISBN: 9781618040640, Cambridge MA, USA, 25/01/2012 |
| 41 | 2012 | Contributo in Atti di convegno<br>Chiocca Daniela, Guizzi Guido, Murino Teresa, Revetria Roberto, Romano Elpidio (2012). A methodology for supporting lean healthcare. In: Studies in Computational Intelligence. p. 93-99, ISBN: 9783642307317, Dalian, China., doi: 10.1007/978-3-642-30732-4-12 |
| 42 | 2012 | Abstract in Atti di convegno<br>R. Revetria (2012). Plenary Lecture 11: Create a Self-modeling Dss in the Cloud: Perspectives, Methodologies and Case Studies. In: Proceedings of the 6th WSEAS International Conference on Computer Engineering and Applications, and Proceedings of the 2012 American Conference on Applied Mathematics. p. 27, Stevens Point, Wisconsin, USA:World Scientific and Engineering Academy and Society (WSEAS), ISBN: 9781618040640, Cambridge MA, Usa, 2012 |

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| 43 | 2012 | Monografia o trattato scientifico<br>Giovanni Improta, Maria Triassi, Guido Guizzi, Liberatina Carmela Santillo, Roberto Revetria, Alessandro Catania, Lucia Cassettari (2012). An Innovative Contribution to Health Technology AssessmentModern Advances in Intelligent Systems and Tools. vol. 431, p. 127-131, ISBN: 9783642307317, doi: 10.1007/978-3-642-30732-4_16 |
| 44 | 2012 | Curatela<br>Fujita H., Revetria R. (a cura di) (2012). New Trends in Software Methodologies, Tools and Techniques. FRONTIERS IN ARTIFICIAL INTELLIGENCE AND APPLICATIONS, vol. 246, p. 1-608, IOS Press Amsterdam, ISBN: 9781614991243, ISSN: 0922-6389 |
| 45 | 2011 | Prefazione/Postfazione<br>Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak (2011). RECENT RESEARCHES in COMMUNICATIONS, AUTOMATION, SIGNAL PROCESSING, NANOTECHNOLOGY, ASTRONOMY and NUCLEAR PHYSICS. In: Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak . RECENT RESEARCHES in COMMUNICATIONS, AUTOMATION, SIGNAL PROCESSING, NANOTECHNOLOGY, ASTRONOMY and NUCLEAR PHYSICS. p. 8, ISBN: 9789604742769 |
| 46 | 2011 | Prefazione/Postfazione<br>M.Lazard, A. Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G.Bognar, S.H. Sohrab, D.N. Riahi, G.R.Gillich (2011). Recent Advances in Signal Processing, Computational Geometry and Systems Theory. In: M.Lazard, A. Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G.Bognar, S.H. Sohrab, D.N. Riahi, G.R.Gillich. Recent Advances in Signal Processing, Computational Geometry and Systems Theory. p. 10, ISBN: 9781618040275 |
| 47 | 2011 | Prefazione/Postfazione<br>Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V. Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak (2011). Recent Researches in Artificial Intelligence. In: Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V. Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak. Recent Researches in Artificial Intelligence. p. 8, ISBN: 9789604742738 |
| 48 | 2011 | Prefazione/Postfazione<br>Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V. Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak (2011). Recent Researches in Energy & Environment. In: Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V. Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak. Recent Researches in Energy & Environment. p. 8, ISBN: 9789604742745 |

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| 49 | 2011 | Prefazione/Postfazione<br>M.Lazard, A.Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G. Bognar, S.H. Sohrab, D.N. Riahi, G.R. Gillich (2011). Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications. In: M.Lazard, A.Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G. Bognar, S.H. Sohrab, D.N. Riahi, G.R. Gillich . Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications. p. 3, ISBN: 9781618040282 |
| 50 | 2011 | Prefazione/Postfazione<br>M.Lazard, A. Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G.Bognar, S.H. Sohrab, D.N. Riahi, G.R. Gillich (2011). Recent Advances in Fluid Mechanics and Heat & Mass Transfer. In: M.Lazard, A. Buikis, Y.S. Shmaliy, R.Revetria, N.Mastorakis, O. Martin, G.Bognar, S.H. Sohrab, D.N. Riahi, G.R. Gillich . Recent Advances in Fluid Mechanics and Heat & Mass Transfer. p. 8, ISBN: 9781618040268 |
| 51 | 2011 | Prefazione/Postfazione<br>Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak (2011). Recent Researches in Hydrology, Geology and Continuum Mechanics. In: Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak . Recent Researches in Hydrology, Geology and Continuum Mechanics. p. 8, ISBN: 9789604742752 |
| 52 | 2011 | Prefazione/Postfazione<br>Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak (2011). Recent Researches in Software Engineering, Parallel and Distributed Systems. In: Z.Bojkovic, J.Kacprzyk, N.Mastorakis, V.Mladenov, R.Revetria, L. A. Zadeh, A.Zemliak . Recent Researches in Software Engineering, Parallel and Distributed Systems. p. 8, ISBN: 9789604742776 |
| 53 | 2011 | Contributo in Atti di convegno<br>L. CASSETTARI, 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. In: ISTASC '11. Firenze, p. 211-216, ISBN: 9781618040275 |
| 54 | 2011 | Contributo in Atti di convegno<br>F. D. Maria, C. Briano, M. Brandolini, E. Briano, R. Revetria (2011). Market-leader ERPs and cloud computing: a proposed architecture for an efficient and effective synergy. In: World Scientific and Engineering Academy and Society (WSEAS). Proceedings of the 10th WSEAS international conference on Applied computer and applied computational science. p. 13-19, Stevens Point, Wisconsin, USA:World Scientific and Engineering Academy and Society (WSEAS), ISBN: 9789604742813, Venezia, Italia, 08/03/2011 |

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| 55 | 2011 | Contributo in Atti di convegno<br>Revetria Roberto, Testa Alessandro, Cassettari Lucia (2011). A generalized simulation framework to manage logistics systems: A case study in waste management and environmental protection. In: Proceedings - Winter Simulation Conference. p. 943-952, ISBN: 9781457721083, Phoenix, AZ, usa, 2011, doi: 10.1109/WSC.2011.6147819 |
| 56 | 2011 | Contributo in Atti di convegno<br>R. Revetria, Alessandro Testa, Roberto Mosca, Alessandro Bertolotto, Marco De Leo (2011). An Anticipatory Control Systems Based on On-Line Real-Time Simulation for Supporting Rescheduling of Complex Industrial Plants with High Automation System. In: D. M. Dubois. International Journal of Computing Anticipatory Systems. p. 211-222, Liegi:CHAOS Centre for Hyperincursion and Anticipation in Ordered Systems Institute of Mathematics, University of Liège, Belgium, ISBN: 2930396199, HEC Management School of the University of Liège, 14, rue Louvrex, B-4000 Liège, Belgium, 08/08/2011 |
| 57 | 2011 | Contributo in Atti di convegno<br>Roberto Revetria, Alessandro Testa, Enrico Briano (2011). An INNOVATIVE HYBRID SIMULATION APPROACH FOR SUPPORTING MARITIME LOGISTICS. In: Proceedings of International Maritime Transport and Logistics Conference "MARLOG" Ports and Logistics: A Vision for Future Integration. p. 1-8, Alexandria-Egypt, 18/12/2011 |
| 58 | 2011 | Contributo in Atti di convegno<br>E. Briano, R. Mosca, R. Revetria, A. Testa (2011). A simplified human cognitive approach for supporting crowd modeling in tunnel fires emergency simulation. In: Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). p. 58-67, Springer-Verlag, ISBN: 9783642218262, Syracuse, NY, USA, 28/06/2011, doi: 10.1007/978-3-642-21827-9_7 |
| 59 | 2011 | Contributo in Atti di convegno<br>F. Ferri, P. Giribone, R. Revetria, A. Testa (2011). Use of System Dynamics for Modelling the Logistic Facilities of an Offshore Supply Base Operated by a Multinational Company . In: Proceedings of Computational Intelligence and Bioinformatics. p. 289-295, Pittsburg, USA, 7 novembre 2011 |
| 60 | 2011 | Contributo in Atti di convegno<br>Revetria R, Testa A, R. MOSCA, Bertolotto A (2011). A Flexible Modeling Approach for Supporting Rapid Business Simulations. In: -. Proceedings of 10th International Conference on Software Methodologies, Tools and Techniques . Saint Petersburg, Russia, September 28-30 |

| 61 | 2011 | Contributo in Atti di convegno<br>Revetria R, Testa A, L. CASSETTARI, Ferri F, Frascheri 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. In: XVI Summer School "Francesco Turco" Industrial Mechanical Plants. Abano Terme (PD), Italy, 14-16 Settembre 2011 |
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| 62 | 2011 | Contributo in Atti di convegno<br>Revetria R, Testa A, L. CASSETTARI (2011). A GENERALIZED SIMULATION FRAMEWORK TO MANAGE LOGISTIC SYSTEMS: A CASE STUDY IN WASTE MANAGEMENT AND ENVIRONMENTAL PROTECTION. In: 2011 Winter Simulation Conference. Phoenix, AZ, USA, December 11-14 |
| 63 | 2011 | Abstract in Atti di convegno<br>R.Revetria (2011). Innovative Modeling Paradigms for Supporting Transition to Lean Healthcare. In: 11th WSEAS International Conference on SYSTEMS THEORY AND SCIENTIFIC COMPUTATION (ISTASC '11). Florence (Italy), p. 18 |
| 64 | 2011 | Poster<br>L. CASSETTARI, Mosca R, Revetria R, Testa A (2011). Innovative Healthcare Modeling Methodology based on System Dynamics and State Transition Diagrams . In: 2011 INFORMS Simulation Society Research Workshop. Montréal (Quebec), Canada, July 18-20, 2011 |
| 65 | 2010 | Articolo in rivista<br>BRIANO E., CABALLINI C., GIRIBONE Pietro, REVETRIA Roberto (2010). Objectives and perspectives for improving resiliency in Supply Chains. WSEAS TRANSACTIONS ON SYSTEMS, vol. 9 issue 2, p. 136-145, ISSN: 1109-2777 |
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| 249 | 2000 | Altro<br>A. BRUZZONE, GIRIBONE P., MOSCA R., REVETRIA R. (2000). Applied Neural Networks for Improving Production Capabilities. |
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| 255 | 1999 | Contributo in Atti di convegno<br>A. BRUZZONE, REVETRIA R. (1999). Artificial Neural Networks as Support for Logistics in Super-Market Chains. In: -. Proceedings of HMS99. Genova, September 16-18 |
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| 257 | 1999 | Altro<br>A. BRUZZONE, CARBONE A., REVETRIA R. (1999). VV&A Techniques in M&S Applications. |
| 258 | 1999 | Altro<br>A. BRUZZONE, MOSCA R., REVETRIA R., FRACCHIA E., POZZI COTTO S., SIMEONI S. (1999). PUMA: Project for Ultimate MAintenance. |

Direzione di enti o istituti di ricerca di alta qualificazione internazionale

- Vice Direttore del CIELI (Centro Italiano di Eccellenza sulla Logistica Integrata), Centro di Spesa di tipo A dell'Università di Genova (Direttore Prof. Renato Midoro).
dal 01-01-2011 al 01-01-2013

Responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

- European Union EVENE project - Erasmus Virtual Economics & Management Studies Exchange (eLearning program 2005 - 3837 / 001 - 001 ELE-ELEB12, 3/2006 – 2/2008), University of Genoa Coordinator and Responsible
dal 01-03-2006 al 28-02-2008

Direzione o partecipazione a comitati editoriali di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

- Membro dell'editorial board International Journal of Information Systems and Supply Chain Management (IJISSCM)
dal 01-01-2010 a oggi
- Membro del Editorial Board Journal of Engineering, Computing & Architecture
dal 01-01-2010 a oggi
- Membro dell'editorial board Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications
dal 01-01-2010 a oggi
- Membro dell'editorial board JSE, Journal of Security Engineering
dal 01-01-2010 a oggi
- Membro dell'editorial board Journal of Mechanical, Aerospace and Industrial Engineering
dal 01-01-2010 a oggi
- Membro dell'editorial board Journal of Computer Science, Informatics and Electrical Engineering
dal 01-01-2010 a oggi
- General Chair - 11th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET_12)
dal 01-09-2011 al 01-09-2012
- Membro dell'editorial board of Bezopasnost' v technosphere (Russian)
dal 01-01-2013 a oggi

Incarichi di insegnamento o di ricerca (fellowship) presso qualificati atenei e istituti di ricerca esteri o sovranazionali

- Bauman Moscow State Technical University
  Descrizione Responsabilità : Docente di "Industrial Safety Principles and Modeling Tools" 36 ore (3CFU) contratto 02/3-135/1217 autorizzato da DIME
  dal 01-09-2013 al 28-02-2014
- Bauman Moscow State Technical University
  Descrizione Responsabilità : Docente di "Industrial Safety Principles and Modeling Tools" 36 ore (3CFU) Autorizzato da DIME
  dal 01-03-2015 al 30-06-2015
- Bauman Moscow State Technical University
  Descrizione Responsabilità : Docente di "Industriaĺ Safety Principles and Modeling Tools" 36 ore (3CFU) Autorizzato da DIME
  dal 22-04-2016 al 21-07-2016

## Premi e riconoscimenti per l'attività scientifica, inclusa l'affiliazione ad accademie di riconosciuto prestigio nel settore

- Vincitore di un contributo (N. IZK0Z2_154287) del Fondo Nazionale per la Ricerca Svizzero (SNF) e
  soggiorna presso l'Università della Svizzera Italiana (USI)per un periodo di attività di ricerca finanziata congiunta.
  dal 01-09-2014 al 30-09-2014
- Certificate of Merit for the 2014 International Conference of Systems Engineering and Engineering Management
  Motivazione:based on the reviewer Awarded based reports and the evaluation score results of our conference committee members during the conference period
  Pubblicazione:Lorenzo Damiani, Pietro Giribone, Roberto Revetria, Alessandro Testa (2014). An Innovative Model for Supporting Energy-based Cost Reduction in Steel Manufacturing Industry Using Online Real-time Simulation. In: Proceedings of the World Congress on Engineering and Computer Science 2014 Vol II. p. 1-7, ISBN: 9789881925374, San Francisco, USA, 22-10_2014
  Data Inizio:22/12/2014
  dal 22-12-2014 al 22-12-2014

## Nei settori concorsuali in cui è appropriato, risultati ottenuti nel trasferimento tecnologico in termini di partecipazione alla creazione di nuove imprese (spin off), sviluppo, impiego e commercializzazione di brevetti

- Membro del consiglio di amministrazione della spin-off universitaria Smartware and Data Mining dell'Università degli Studi di Genova.
  dal 01-01-2011 al 31-05-2012
- Fondatore e Responsabile Scientifico della Societá MeVB Consulting GmbH (www.mevb-consulting.ch) con caratteristiche di Spin-Off Universitario Internazionale con sede a Olten, Cantone Solothurn, Svizzera.
  dal 24-05-2012 a oggi
- Promotore e membro del CdA dello Spin-Off Universitario GdR srl (www.gdr-srl.com) dell'Universitá degli Studi di Genova
  dal 11-02-2014 a oggi

## Altri titoli che contribuiscano a una migliore definizione del profilo scientifico

- Project Manager Certificato IPMA (International Project Management Association) Livello D (Certificato 013)
  dal 01-01-2002 a oggi
- Visiting Harvard University cited as "Distinguished Visitor" in Office of the University Marshal 2009-2010 Report (Appendix B: Visitor List for Academic Year 2009-2010).
  dal 01-11-2010 al 30-11-2010
- Segnalato all'on. Ministro degli Esteri Italiano Paolo Gentiloni tra i tre studiosi proposti a ricoprire il ruolo di Addetto Scientifico all'Ambasciata d'Italia a Ottawa (Canada)(AVVISO DI INCARICO DI ESPERTO EX ART. 168 D.P.R. 18/67) nel corso della selezione del 2014 (su un totale di oltre 90 candidati).
  dal 01-08-2014 al 31-12-2014