

PERSONAL INFORMATION

Marta Rinaldi

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Sex Female | Date of birth 23/01/1985 | Nationality Italian

WORK EXPERIENCE

22/07/2019 - Current

LECTURER – UNIVERSITY OF CAMPANIA "LUIGI VANVITELLI"

Teaching and research activities on topics linked to the sector SSD ING-IND/17, - Industrial Mechanical Systems Engineering.

Teaching activity: "SIMULATION OF PRODUCTION SYSTEMS" - 6 CFU – MANAGEMENT ENGINEERING

The current topics of research are: 1) Development of decisional models for evaluating the sustainability of different Industry 4.0 technologies and their impact on manufacturing and logistics systems; 2) Integration of ergonomics aspects and human factor principles in decisional models for industrial contexts; 3) Methods for designing and managing emergency supply chains using digitalization and automation for sharing information.

01/10/2018 – 21/07/2019

PROJECT MANAGER – SPIN OFF COMPANY - FMB ENGINE SRL- PARMA

01/10/2015 – 30/09/2018

RESEARCH FELLOW – UNIVERSITY OF PARMA

01/01/2015 – 30/09/2015

PROJECT MANAGER – SPIN OFF COMPANY - FMB ENGINE SRL - PARMA

01/08/2011 – 31/12/2014

RESEARCH FELLOW – UNIVERSITY OF PARMA

EDUCATION AND TRAINING

01/01/2012 – 31/12/2014

PHD IN INDUSTRIAL ENGINEERING – UNIVERSITY OF PARMA

30/01/2009 – 13/07/2011

MASTER DEGREE IN MANAGEMENT ENGINEERING – UNIVERSITY OF PARMA

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
Spanish	B2	B2	B1	B1	B1

Computer skills

Microsoft Office Package, Program Language: Visual Basic, Simulation Software: Enterprise Dynamics, SIMUL8 Simulation Software, Process Mapping (Visio, Bizagi).

PUBLICATIONS – International Journals

- Manco, P., Caterino, M., Rinaldi, M., & Macchiaroli, R. 2023. A sustainability-oriented methodology to compare production strategies: The case of AM-based remanufacturing. *Journal of Cleaner Production*, 138594. <https://doi.org/10.1016/j.jclepro.2023.138594>.
- Caterino, M., Rinaldi, M., Di Pasquale, V., Greco, A., Miranda, S., & Macchiaroli, R. (2023). A Human Error Analysis in Human–Robot Interaction Contexts: Evidence from an Empirical Study. *Machines*, 11(7), 670.
- Rinaldi, M., Caterino, M., & Fera, M., 2023. Sustainability of Human-Robot cooperative configurations: findings from a case study. *Computers & Industrial Engineering*, 109383. <https://doi.org/10.1016/j.cie.2023.109383>.
- Rinaldi, M., & Bottani, E. 2023., How did COVID-19 affect logistics and supply chain processes? Immediate, short and medium-term evidence from some industrial fields of Italy. *International Journal of Production Economics*, 108915. <https://doi.org/10.1016/j.ijpe.2023.108915>
- Manco, P., Caterino, M., Rinaldi, M., & Fera, M., 2023. Additive manufacturing in green supply chains: A parametric model for life cycle assessment and cost. *Sustainable Production and Consumption*, 36, 463-478. <https://doi.org/10.1016/j.spc.2023.01.015>
- Caterino, M., Rinaldi, M., & Fera, M., 2023. Digital ergonomics: an evaluation framework for the ergonomic risk assessment of heterogeneous workers. *International Journal of Computer Integrated Manufacturing*, 1-21. <https://doi.org/10.1080/0951192X.2022.2090023>.
- Rinaldi, M., Murino, T., Gebennini, E., Morea, D., & Bottani, E., 2022. A literature review on quantitative models for supply chain risk management: can they be applied to pandemic disruptions? *Computers & Industrial Engineering*, 108329.
- Rinaldi, M., Fera, M., Bottani, E., Grosse, E. H., 2022. Workforce scheduling incorporating worker skills and ergonomic constraints. *Computers & Industrial Engineering*, 108107.
- Rinaldi, M., Caterino, M., Macchiaroli, R., 2022. Additive manufacturing and supply chain configuration: Modelling and performance evaluation. *Journal of Industrial Engineering and Management*, 15(1), 103-123.
- Manco, P., Rinaldi, M., Caterino, M., Fera, M., Macchiaroli, R., 2022. Maintenance management for geographically distributed assets: a criticality-based approach. *Reliability Engineering & System Safety*, 218, 108148.
- Rinaldi, M., Bottani, E., Solari, F., Montanari, R., 2021. The vehicle routing problem in the dairy sector: a case study. *International Journal of Food Engineering*, 18(3), 239-252.
- Rinaldi, M., Caterino, M., Fera, M., Manco, P., Macchiaroli, R., 2021. Technology selection in green supply chains-the effects of additive and traditional manufacturing. *Journal of Cleaner Production*, 282, 124554.
- Fera, M., Abbate, R., Caterino, M., Manco, P., Macchiaroli, R., Rinaldi, M., 2020. Economic and Environmental Sustainability for Aircrafts Service Life. *Sustainability*, 12(23), 10120.
- Bottani, E., Montanari, R., & Rinaldi, M., 2019. Simulation and performance improvement of a reverse logistics system for waste electrical and electronic equipment: a case study in Italy. *Int. J. Simulation and Process Modelling*, 14 (3), 308-323.
- Bottani, E., Montanari, R., Rinaldi, M., 2019. Development and testing of a software tool for warehouse design and picking optimization. *Int. Journal of Management and Decision Making*, 18 (2), 119-150.
- Bottani, E., Rinaldi, M., Montanari, R., Bertolini, M., Zammori, F., 2018. An operating simulation tool for modelling and managing a job shop system. *Int. J. Service*

- and Computing Oriented Manufacturing, 3 (4), 318-342.
- Bottani, E., Gentilotti, M.C., Rinaldi, M., 2017. A Fuzzy Logic-Based Tool for the Assessment of Corporate Sustainability: A Case study in the Food Machinery Industry. *Sustainability*, 9 (4), 583.
 - Armenzoni, M., Bottani, E., Rinaldi, M., Gallo, S.A., Montanari, R., 2016. Analysis, Simulation and Optimization of the Milking Process in a Cowshed for the Production of Parmigiano Reggiano. *International Journal of Food Engineering*, 12(9), 851–865.
 - Marchini, D., Rinaldi, M., Montanari, R., Bottani, E., Solari, F., 2015. Temperature analysis of the water supply system of a dairy company by means of a simulation model. *International Journal of Food Engineering*, 11(6), 731–745.
 - Bottani, E., Montanari, R., Rinaldi, M., 2015. How many to produce? The impact of machine flexibility on the performance of a supply chain. *International Journal of Supply Chain and Inventory Management*, 1 (1), 62-90.
 - Armenzoni, M., Montanari, R., Vignali, G., Bottani, E., Ferretti G., Solari F., Rinaldi M., 2015. An integrated approach for demand forecasting and inventory management optimisation of spare parts. *International Journal of Simulation and Process Modelling*, 10 (3), 223-240.
 - Bottani, E., Montanari, R., Rinaldi, M., Vignali, G., 2015. Modeling and multi-objective optimization of closed loop supply chains: a case study. *Computers & Industrial Engineering*, 87, 328-432.
 - Rinaldi, M., Montanari, R., Bottani, E., 2015. Improving the efficiency of public administrations through business process reengineering and simulation: a case study. *Business Process Management Journal*. 21 (2), 419-462.
 - Montanari, R., Ferretti, G., Rinaldi, M., Bottani, E., 2015. Investigating the demand propagation in EOQ supply networks using a probabilistic model. *International Journal of Production Research*, 53 (5), 1307-1324.
 - Marchini, D., Rinaldi, M., Montanari, R., Bottani, E., Solari, F., 2014. Performance analysis of the water supply system of a dairy company by means of an advanced simulation tool. *International Journal of Food Engineering*, 10 (4), 557–571.
 - Bottani, E., Ferretti, G., Montanari, R., Rinaldi, M., 2014. Analysis and optimization of inventory management policies for perishable food products: a simulation study. *International Journal of Simulation and Process Modelling*, 9 (1/2), 16-32.
 - Bigliardi, B., Bottani, E., Rinaldi, M., 2013. The new product development process in the mechanical industry: evidences from some Italian case studies. *International Journal of Engineering, Science and Technology*, 5 (2), 1-23.

PUBLICATIONS – Conference Proceedings

- Rinaldi, M., Fera, M., Macchiaroli, R., & Bottani, E. (2023). A new procedure for spare parts inventory management in ETO production: a case study. *Procedia Computer Science*, 217, 376-385.
- Rinaldi, M., Turino, M. A., Fera, M., & Macchiaroli, R. (2023). Improving the distribution of covid-19 vaccines using the blockchain technology: the Italian case study. *Procedia Computer Science*, 217, 366-375.
- Turino, M. A., Rinaldi, M., & Macchiaroli, R., 2022. Blockchain and Its Application to Manage the Covid - 19 Pandemic: A Literature Review. In *Macromolecular Symposia (Vol. 404, No. 1, p. 2100453)*.
- Caterino, M., Rinaldi, M., Turino, M. A., Fera, M., & Hartono, N., 2022. Simulation Methods for Plant Layout Design-A Case Study. In *Advances on Mechanics, Design Engineering and Manufacturing IV: Proceedings of the International Joint Conference on Mechanics, Design Engineering & Advanced Manufacturing, JCM 2022, June 1-3, 2022, Ischia, Italy (pp. 581-592)*. Cham: Springer International Publishing.
- Caterino, M., Rinaldi, M., Fera, M., Macchiaroli, R., & Bottani, E., 2022. Research trends in clean, green and sustainable manufacturing: a bibliometric review. *IFAC-PapersOnLine*, 55(10), 2425-2430. June 22-24, 2022, Nantes (France).
- Bottani, E., Bigliardi, B., & Rinaldi, M. (2022). Development and proposal of a LARG (lean, agile, resilient, green) performance measurement system for a food supply chain. *IFAC-PapersOnLine*, 55(10), 2437-2444. June 22-24, 2022, Nantes (France). RELATORE
- Bottani E., Rinaldi M., Bigliardi B., 2022. Logistics management in the COVID-19 period: a case study in the food sector. In: Bruzzone, A., Longo, F., Vignali, G. (eds.), *Proceedings of the 8th International Food Operations and Processing Simulation Workshop (FoodOPS 2022)*, ISBN 978-888574185-0, September 19-21, 2022.
- Manco, P., L. Poverino, L., Abbate R., Caterino, M., Fera, M., Rinaldi, Turino M.A., D'Ambr. S., & Macchiaroli, R., 2022. Evaluation of the impact of Long Short-Term Memory parameters in RUL prediction for aero engines. In *Proceedings of the Summer School Francesco Turco. AIDI - Italian Association of Industrial Operations Professors*, ISSN 22838996.
- Bottani, E., Bigliardi, B., Rinaldi, M., Montanari, R., 2022. Evaluation of the LARG (lean, agile, resilient, green) performance in a food supply chain: a case study in Italy. In *Proceedings of the Summer School Francesco Turco. AIDI - Italian Association of Industrial Operations Professors*, ISSN 22838996.
- M., Manco, P., Fera, M., Rinaldi, M., Caterino, Abbate R., Turino M.A. & Macchiaroli, R., 2021. Production Technology Comparison between Additive Manufacturing and Injection Moulding through Life Cycle Assessment. In *Proceedings of the Summer School Francesco Turco. AIDI - Italian Association of Industrial Operations Professors*, ISSN 22838996.
- Rinaldi, M., Caterino, M., Manco, P., Fruggiero, F., & Lambiase, A., 2021. Human fatigue evaluation during smart working sessions. In *Macromolecular Symposia*, 396 (1), 2000311.
- Caterino, M., Manco, P., Rinaldi, M., Macchiaroli, R., & Lambiase, A., 2021. Ergonomic Assessment Methods Enhanced by IoT and Simulation Tools. In *Macromolecular Symposia*, 396 (1), 2000310.
- Manco, P., Caterino, M., Macchiaroli, R., Rinaldi, M., & Fera, M., 2021. Aircraft Maintenance: Structural Health Monitoring Influence on Costs and Practices. In *Macromolecular Symposia*, 396 (1), 2000302.
- Turino, M. A., Rinaldi, M., Fera, M., & Macchiaroli, R., 2021. Information Distortion in a Fast Fashion Supply Network: The Impact of Digitalization. In *IFIP International Conference on Advances in Production Management Systems*, 51-60. Springer, Cham.
- Rinaldi, M., Murino, T., & Bottani, E., 2021. The Impact Of Covid-19 On Logistic Systems: An Italian Case Study. In *IFAC-PapersOnLine*, 54(1), 1035-1040.
- Rinaldi, M., Caterino, M., Fera, M., & Macchiaroli, R., 2021. Reducing the physical ergonomic risk by job rotation: a simulation-based approach. In *IFAC-PapersOnLine*, 54(1), 61-66.
- Rinaldi, M., Caterino, M., Manco, P., Fera, M., & Macchiaroli, R., 2021. The impact of Additive Manufacturing on Supply Chain design: A simulation study. In *Procedia Computer Science*, 180, 446-455.
- Rinaldi M., Bottani E., Solari F., Montanari R., 2020. The milk collection problem with time constraint: an optimization study integrating simulation. In: Bruzzone, A., Longo, F., Vignali, G. (eds.), *Proceedings of the 6th International Food Operations and Processing Simulation Workshop (FoodOPS 2020)*, ISSN 2724-0355, ISBN 978-88-85741-16-4, pp. 7-13.
- Bottani, E., Rinaldi, M., Solari, F., 2018. Corporate sustainability assessment through fuzzy TOPSIS. In: Bruzzone, A., Janosy, J.S., Nicoletti, L., Zacharewicz, G. (eds.), *Proceedings of the International Workshop on Simulation for Energy, Sustainable Development and Environment (SESDE2018)*, ISBN 978-88-85741-17-1 (paper), ISBN 978-88-85741-16-4 (pdf), pp.47-55.
- Bottani, E., Montanari, R., Rinaldi, M., 2017. A flexible tool for warehouse design and picking optimization. *Proceedings of the XXII Summer School "Francesco Turco"*, ISSN: 22838996, pp.348-354.
- Bottani, E., Rinaldi, M., Montanari, R., Bertolini, M., Zammori, F., 2017. A simulation tool for modelling and optimization of a job-shop production system. In Affenzeller, Bruzzone, Jiménez, Longo and Piera Eds, *Proceedings of the 29th European Modeling and Simulation Symposium (EMSS2017)*, ISBN 978-88-97999-85-0, pp.489-495.
- Bottani, E., Rinaldi, M., Montanari, R., Murino, T., Centobelli, P., 2016. An adapted water wave optimization algorithm for routing order pickers in manual warehouses. *Proceedings of the XXI Summer School "Francesco Turco"*, ISSN: 22838996, pp.209-214.
- Accorsi, M., Montanari, R., Rinaldi, M., Centobelli, P., Bottani, E., 2016. Supplier selection: single sourcing vs. dual sourcing with sustainability considerations. In: Bruzzone, A., Jimenez, E., Longo, F., Louca, L.S., Zhang, L. (eds.), *Proceedings of the 28th European Modelling and Simulation Symposium (EMSS2016)*, ISBN 978-88-97999-68-3 (paper), ISBN 978-88-97999-76-8 (pdf), pp.277-281.

- Montanari, R., Rinaldi, M., Murino, T., Santillo, L.C., Bottani, E., 2016. Analysis and evaluation a WEEE management system in Italy: a simulation study. In: Bruzzone, A., Janosy, J.S., Nicoletti, L., Zacharewicz, G. (eds.), Proceedings of the International Workshop on Simulation for Energy, Sustainable Development and Environment (SESDE2016), ISBN 978-88-97999-72-0 (paper), ISBN 978-88-97999-80-5 (pdf), pp.20-24.
- Armenzoni, M., Bottani, E., Montanari, R., Rinaldi, M., & Gallo, S.A., 2015. Analysis, simulation and optimization of the milking process in a cowshed for the production of Parmigiano Reggiano. In: Bruzzone, A., Longo, F., Mercadé-Prieto, R., Vignali, G. (eds.), Proceedings of the International Food Operations & Processing Simulation Workshop (FoodOPS 2015), ISBN 978-88-97999-55-3 (paper), ISBN 978-88-97999-64-5 (pdf), pp.58-64.
- Bottani, E., Bigliardi, B., Rinaldi, M., Pero, M., & Ciccullo, F., 2014. Exploring sustainability in the pharmaceutical supply chain: results from some Italian case studies. In: Bevilacqua, M. (ed.), Book of abstracts of the XIX Summer School "Francesco Turco", ISBN 978-88-908649-1-9.
- Armenzoni, M., Rinaldi, M., Montanari, R., Bottani, E., & Solari, F., 2014. Single sourcing vs. double sourcing: a simulation approach for supplier selection. In: Affenzeller, M., Bruzzone, A.G., Jiménez, E., Longo, F., Merkuryev, Y., & Zhang, L. (eds.), Proceedings of the 26th European Modeling & Simulation Symposium (EMSS 2014), ISBN 978-88-97999-32-4 (paper), ISBN 978-88-97999-38-6 (pdf), pp.543-549.
- Marchini, D., Rinaldi, M., Montanari, R., Bottani, E., & Solari, F., 2014. Temperature analysis of the water supply system of a dairy company by means of a simulation model. In: Bruzzone, A.G., De Felice, F., Massei, M., Merkuryev, Y., Solis, A., Zacharewicz, G. (eds.), Proceedings of the 13th International Conference on Modeling and Applied Simulation (MAS 2014), ISBN 978-88-97999-34-8 (paper), ISBN 978-88-97999-40-9 (pdf), pp.167-174.
- Abdel-Malek, L., Montanari, R., Bernazzoli, A., Bottani, E., Rinaldi, M., 2014. Experience and Challenges of International Dual and Joint Degrees. In Grubbström, R.W. and Hinterhuber, H.H. (eds.), Preprints of the 18th International Working Seminar on Production Economics, vol.4, pp.287-299.
- Bottani, E., Montanari, R., Rinaldi, M., 2013. The impact of agility on the performance of a supply chain: a simulation study. In: Longo, F., et al. (eds.), Proceedings of the 1st International Workshop on Innovation for Logistics (WINLOG 2013), ISBN 978-88-97999-30-0, pp. 38-46.
- Armenzoni, M., Montanari, R., Vignali, G., Bottani, E., Ferretti, G., Solari, F., Rinaldi, M., 2013. A simulation approach for spare parts demand forecasting and inventory management optimization. In: Bruzzone, A.G., Jiménez, E., Longo, F., Merkuryev, Y. (eds.), Proceedings of the 25th European Modeling & Simulation Symposium (EMSS 2013), ISBN 978-88-97999-16-4 (paper), ISBN 978-88-97999-22-5 (pdf), pp.676-684.
- Bottani, E., Marchini, D., Montanari, R., Rinaldi, M., Solari, F., 2013. Performance analysis of a water supply system of a dairy company by means of advanced simulation methods. In: Affenzeller, M., Bruzzone, A.G., De Felice, F., Del Rio Vilas, D., Frydman, C., Massei, M., Merkuryev, Y. (eds.), Proceedings of the 12th International Conference on Modeling and Applied Simulation (MAS 2013), ISBN 978-88-97999-17-1 (paper), ISBN 978-88-97999-23-2 (pdf), pp.103-113.
- Bertolini, M., Bottani, E., Montanari, R., Rinaldi, M., Solari, F., 2013. Pre-feasibility study and logistic optimization of a biomass power plant. In: Bevilacqua, M., (ed.), Book of abstracts of the XVIII Summer School "Francesco Turco", ISBN 978-88-908649-0-2.
- Armenzoni, M., Bottani, E., Ferretti, G., Marchini, D., Montanari, R., Rinaldi, M., Solari, F., Vignali, G., 2012. Advanced design of industrial mixers for fluid foods using Computational Fluid Dynamics. In: Affenzeller, M., Bruzzone, A.G., De Felice, F., Del Rio Vilas, D., Frydman, C., Massei, M., Merkuryev, Y. (eds.), Proceedings of the 11th International Conference on Modelling and Applied Simulation (MAS 2012), ISBN: 978-88-97999-02-7 (paper), ISBN: 978-88-97999-10-2 (pdf), pp.292-301.
- Armenzoni, M., Bottani, E., Ferretti, G., Marchini, D., Montanari, R., Rinaldi, M., Solari, F., Vignali, G., 2012. Supply chain simulation: A study on reorder policies for perishable food products. In: Affenzeller, M., Bruzzone, A.G., De Felice, F., Del Rio Vilas, D., Frydman, C., Massei, M., Merkuryev, Y. (eds.), Proceedings of the 11th International Conference on Modelling and Applied Simulation (MAS 2012), ISBN: 978-88-97999-02-7 (paper), ISBN: 978-88-97999-10-2 (pdf), pp.308-315.
- Rinaldi, M., Ferretti, G., Montanari, R., Bottani, E., Vignali, G., Solari, F., Armenzoni, M., Marchini, D., 2012. Energy classification of a shrinkwrap-packer. Proceedings of the International Conference on Power and Energy Systems (ICPES 2012). Pubblicati in Lecture Notes in Information Technology (ISSN: 2070-1918, ISBN: 978-161275-011-8), vol.13, pp.460-466.
- Rinaldi, M., Ferretti, G., Montanari, R., Bottani, E., Vignali, G., Solari, F., Armenzoni, M., Marchini, D., 2012. Analysis and evaluation of energy efficiency of a shrinkwrap-packer. Proceedings of the International Conference on Renewable Energies and Power Quality (ICREPQ 12). Pubblicati su Renewable Energy & Power Quality Journal, vol.10, paper 759 (ISSN 2172-038X; ISBN: 978-846156-648-8).
- Bigliardi, B., Bottani, E., & Rinaldi, M., 2011. The new product development process in the mechanical industry: evidences from some Italian case studies. Proceedings of the 2nd Conference on the Interdependencies between New Product Development and Supply Chain Management (GIC-PRODESC 2011), pp.13-24.

PROJECTS

01/09/2020 – CURRENT	DESIRE – Design Solutions for Industry 4 REady processes Supported by the Italian Ministry for University and Research, call D.D. n. 407 del 27.02.2018. The project belongs to the "Smart Factory" strategic area. The activity refers to technological solutions aimed at optimizing production processes in line with the human-centred manufacturing approach.
01/10/2018 – 30/08/2020	MASCOT – Modular multilevel cost Analysis Software for COmpositE smart fuselage The project is supported by the European Programm CleanSky-2 for about 400.000 €. The project aims at developing a software for costing analysis useful for production processes of composite Fuselages.
01/10/2015 – 30/09/2018	ESCALATE – economic and environmental sustainability of supply chain and logistics with advanced technologies Supported by the Italian Ministry for University and Research, and related to the call SIR – Scientific Independence of young Researchers (2014 edition). The ESCALATE project aims to investigate the main aspects of the economic and environmental sustainability of the supply chain and logistics processes in general, and strives to define a model for sustainable supply chain management (SSCM).

HONOURS AND AWARDS

15/09/2016	Best Paper Award - XXI Summer School "Francesco Turco" 2016 – AIDI – Associazione Italiana Docenti di Impianti Industriali for the paper "An adapted water wave optimization algorithm for routing order pickers in manual warehouses"
21/09/2012	Best Paper Award - MAS Conference 2012 – International Conference on Modelling and Applied Simulation (MAS) for the paper "Advanced design of industrial mixers for fluid foods using Computational Fluid Dynamics"

INTERNATIONAL CONFERENCES

- International Conference on Industry 4.0 and Smart Manufacturing (ISM 2022). November 2-4, 2022, Linz (Austria). PRESENTER (Paper "A new procedure for spare parts inventory management in ETO production: a case study") and SESSION Chair (Session "How the Industry 4.0 helped to face the COVID-19 pandemic").

- 10th IFAC Conference on Manufacturing Modelling Management and Control (MIM 2022). June 22-24, 2022, Nantes (France). PRESENTER (Paper “Development and proposal of a LARG (lean, agile, resilient, green) performance measurement system for a food supply chain”) and SPECIAL SESSION ORGANIZER AND Co-Chair (Session “Green, Agile and Resilient Supply Chains and Manufacturing Systems”).
- 17th IFAC Symposium on Information Control Problems in Manufacturing (INCOM 2021). June 7-9, 2021, Virtual Online Conference. PRESENTER (Paper “Reducing the physical ergonomic risk by job rotation: a simulation-based approach”).
- International Conference on Industry 4.0 and Smart Manufacturing (ISM 2020). November 23-25, 2020, Virtual Online Conference. PRESENTER (Paper “The impact of Additive Manufacturing on Supply Chain design: a simulation study”).
- International Conference on Renewable Energies and Power Quality (ICREPQ 2012). March 28-30, 2012, Santiago de Compostela (Spain). PRESENTER (Paper “Analysis and evaluation of energy efficiency of a shrinkwrap-packer”).
- 2012: 9th Green Energy Summit, March 7-9, Milwaukee (USA). PRESENTER (Paper “Energy classification of a shrinkwrap-packer”).
- 2nd Conference on the Interdependencies between New Product Development and Supply Chain Management (GIC-PRODESC 2011). December 1-2, 2011, Milano (Italy). PRESENTER (Paper “The new product development process in the mechanical industry: evidences from some Italian case studies”).

NATIONAL CONFERENCES

- Workshop “SimFood: la Simulazione nel settore Food & Beverage”. Organized by Associazione MIMOS (Movimento Italiano Modellazione e Simulazione). 22/04/2015, Parma. PRESENTER
- Workshop: “Strumenti di Simulazione applicati alla progettazione del Packaging”. MECSPE 22/03/2013, Parma. PRESENTER

SPECIAL ISSUE

Guest editor of the Special Issue on “Servitization, Logistics and Manufacturing in Resilient and Digital Supply Chains”.

https://www.mdpi.com/journal/sustainability/special_issues/Resilient_Digital_Supply_Chains

Guest editor of the Special Issue on “Technology Integration for Smart Manufacturing/Re-manufacturing Systems Development”.

https://www.mdpi.com/journal/machines/special_issues/70QR6EW13I

OTHER RESULTS

Co-founder and partner of the Spin company “F.M.B Engineering Innovation for Enterprise” founded in February 2014. www.fmb-engine.it

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Aversa, 12/09/2023