

Full Publications List – FABIO SGARBOSSA (update 2016-04-25)

INTERNATIONAL JOURNALS

- [1] ANDRIOLO, A., BATTINI, D., PERSONA, A., & SGARBOSSA, F. (2016). A new bi-objective approach for including ergonomic principles into EOQ model. *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*, 1-18. (Article in press)
- [2] BATTINI, D., GLOCK, C. H., GROSSE, E. H., PERSONA, A., & SGARBOSSA, F. (2016). Human energy expenditure in order picking storage assignment: A bi-objective method. *COMPUTERS & INDUSTRIAL ENGINEERING*, 94, 147-157.
- [3] BATTINI, D., DELORME, X., DOLGUI, A., PERSONA, A., & SGARBOSSA, F. (2016). Ergonomics in assembly line balancing based on energy expenditure: a multi-objective model. *International Journal of Production Research*, 54 (3), pp. 824-845
- [4] ANDRIOLO, A., BATTINI, D., CALZAVARA, M., GAMBERI, M., PERETTI, U., PERSONA, A., PILATI, F., & SGARBOSSA, F. (2016). New RFID pick-to-light system: Operating characteristics and future potential. *INTERNATIONAL JOURNAL OF RF TECHNOLOGIES*, 7(1), 43-63.
- [5] BATTINI, D., CALZAVARA, M., PERSONA, A., & SGARBOSSA, F. (2016). Sustainable Packaging Development for Fresh Food Supply Chains. *PACKAGING TECHNOLOGY AND SCIENCE*, 29(1), 25-43.
- [6] PERETTI, U., TATHAM, P., WU, Y., & SGARBOSSA, F. (2015). Reverse logistics in humanitarian operations: challenges and opportunities. *JOURNAL OF HUMANITARIAN LOGISTICS AND SUPPLY CHAIN MANAGEMENT*, 5(2), 253-274.
- [7] ANDRIOLO, A., BATTINI, D., PERSONA, A., SGARBOSSA, F. (2015). Haulage sharing approach to achieve sustainability in material purchasing: New method and numerical applications. *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*. 164, pp. 308-318.
- [8] SGARBOSSA, F., PERSONA, A., PHAM, H. (2015). Using Systemability Function for Periodic Replacement Policy in Real Environments. *QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL*, 31 (4), pp. 617-633.
- [9] BATTINI, D., CALZAVARA, M., PERSONA, A., SGARBOSSA, F. (2015). A comparative analysis of different paperless picking systems, *Industrial Management & Data Systems*, 115 (3), pp. 483-503.
- [10] BATTINI, D., CALZAVARA, M., PERSONA, A., SGARBOSSA, F. (2015) Order picking system design: The storage assignment and travel distance estimation (SA&TDE) joint method. *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*, 53 (4), pp. 1077-1093.
- [11] BATTINI, D., GAMBERI M., PERSONA, A., SGARBOSSA, F. (2015). Part-feeding with supermarket in assembly systems: Transportation mode selection model and multi-scenario analysis. *ASSEMBLY AUTOMATION*, 35 (1), pp. 149-159.
- [12] SGARBOSSA, F., PERETTI, U., PERSONA, A., & TATHAM, P. (2015). Multi-criteria decision-making in the management of humanitarian operations. *INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONS MANAGEMENT*, 22(4), 413-441.
- [13] FACCIO M., PERSONA A., SGARBOSSA F., ZANIN G. (2014), Industrial maintenance policy development: a quantitative framework, *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, selected from ICPR 2011. 21th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH. 147 (PART A), pp. 85-93.
- [14] BATTINI, D., PERSONA, A., SGARBOSSA, F. (2014). Innovative real-time system to integrate ergonomic evaluations into warehouse design and management. *COMPUTERS AND INDUSTRIAL ENGINEERING*, 77, pp. 1-10
- [15] ANDRIOLO, A., BATTINI, D., GRUBBSTROM, R.W., PERSONA, A., SGARBOSSA, F. (2014). A century of evolution from Harris's basic lot size model: Survey and research agenda. *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, 155, pp. 16-38.
- [16] BATTINI D., PERSONA A., SGARBOSSA F. (2014). A Sustainable EOQ Model: theoretical formulation and applications, *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, 149, pp. 145-153.

- [17] BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F., (2014). Application of humanitarian last mile distribution model, *JOURNAL OF HUMANITARIAN LOGISTICS AND SUPPLY CHAIN MANAGEMENT*. Vol. 4 (1), pp. 131-148
- [18] FACCIO, M., PERSONA, A., SGARBOSSA, F., ZANIN, G. (2014). Sustainable SC through the complete reprocessing of end-of-life products by manufacturers: A traditional versus social responsibility company perspective. *EUROPEAN JOURNAL OF OPERATIONAL RESEARCH*, 233 (2), pp. 359-373.
- [19] AZZI, A., BATTINI, D., FACCIO, M., PERSONA, A., SGARBOSSA, F. (2014) Inventory holding costs measurement: A multi-case study. *INTERNATIONAL JOURNAL OF LOGISTICS MANAGEMENT*, 25 (1), pp. 109-132.
- [20] AZZI A., PERSONA A., SGARBOSSA F., BONIN M., (2013), Drug inventory management and distribution: outsourcing logistics to third-party providers, *STRATEGIC OUTSOURCING: AN INTERNATIONAL JOURNAL*. Vol. 6 (1), pp. 48-64.
- [21] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2013), Modelling the growing process of integrated healthcare supply networks, *INTERNATIONAL JOURNAL OF SYSTEM DYNAMICS APPLICATIONS*. Vol. 2(1), 1-13.
- [22] FACCIO M, GAMBERI M, PERSONA A, REGATTIERI A, SGARBOSSA F (2013) Design and simulation of assembly line feeding systems in the automotive sector using supermarket, kanbans and tow trains: a general framework. *JOURNAL OF MANAGEMENT CONTROL*. 24 (2), pp. 187-208.
- [23] AZZI A., BATTINI D, PERSONA A, SGARBOSSA F (2012). Packaging Design: General Framework and Research Agenda. *PACKAGING TECHNOLOGY AND SCIENCE*, 25 (8), pp. 435-456.
- [24] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2012), Design of an integrated quality-assurance strategy in production system, *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*, 50 (6), pp. 1682-1701
- [25] AZZI A., FACCIO M., PERSONA A., SGARBOSSA F., (2012) Lot Splitting Scheduling Procedure for Make Span Reduction and Machines Capacity Increase in a Hybrid Flow Shop with Batch Production, *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*. 59 (5-8), pp. 775-786.
- [26] AZZI A., BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2011) Innovative Travel Time Model For Dual-Shuttle Automated Storage/Retrieval Systems. *COMPUTERS AND INDUSTRIAL ENGINEERING*. 61 (3), pp. 600-607
- [27] FACCIO M., PERSONA A., SGARBOSSA F., ZANIN G. (2011), Multi-stage supply network design in case of reverse flows: a closed-loop approach, *INTERNATIONAL JOURNAL OF OPERATIONAL RESEARCH*, Vol. 12 (2), 157-191.
- [28] ORTOLANI C., PERSONA A., SGARBOSSA F., (2011). External cost effects on freight modal choice: research and application. *INTERNATIONAL JOURNAL OF LOGISTICS RESEARCH AND APPLICATIONS*. ISSN: 1361-9209. Vol. 14 (3) pp. 199-220.
- [29] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2011), New methodological framework to improve productivity and ergonomics in assembly system design, *INTERNATIONAL JOURNAL OF INDUSTRIAL ERGONOMICS*. ISSN: 0003-6870. Vol. 41 (1), pp. 30-42.
- [30] AZZI A., BATTINI D, PERSONA A, SGARBOSSA F (2010). Decreasing Network Complexity with Logistics Outsourcing: An Entropic Approach. *INTERNATIONAL JOURNAL OF PROCUREMENT MANAGEMENT*, 3 (4), pp. 339-360.
- [31] SGARBOSSA F., PERSONA A., PHAM H., (2010) Age Replacement Policy in Random Environment using Systemability. *INTERNATIONAL JOURNAL OF SYSTEM SCIENCE*. 41 (11), pp. 1383-1397.
- [32] BATTINI D., FACCIO M, PERSONA A., SGARBOSSA F., (2010) Evaluation of the mixed-model assembly line balancing problem with variable operation times and product mix, *INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONAL MANAGEMENT*. 6 (2), pp. 126-148.
- [33] BATTINI D., FACCIO M, PERSONA A., SGARBOSSA F., (2010) Framework to Optimize the Inventory Centralization/Decentralization Degree and Feeding Policy in Assembly Systems, *INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONAL MANAGEMENT*. 6 (2), pp. 184-205.

- [34] GAMBERINI R., LOLLI F., RIMINI B., SGARBOSSA F. (2010). Forecasting of sporadic demand patterns with seasonality and trend components: an empirical comparison between Holt-Winters and (S)ARIMA methods. *MATHEMATICAL PROBLEMS IN ENGINEERING*. Article ID 579010, 15 pages.
- [35] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2010) "Supermarket Warehouses": Stocking Policies Optimization in an Assembly-to-Order Environment". *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*. 50 (5-8), pp. 775-788.
- [36] SGARBOSSA, F., PHAM H., (2010) A Cost Analysis of Systems Subject to Random Field Environments and Reliability, *IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS—PART C: APPLICATIONS AND REVIEWS*, 40 (4), pp. 429-437
- [37] BATTINI D., GRASSI A., PERSONA A., SGARBOSSA F., (2010). Consignment Stock Inventory Policy: Methodological Framework and Model. *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*. 48 (7), pp. 2055-2079.
- [38] BATTINI D., GUNASEKARAN A., FACCIO M., PERSONA A., SGARBOSSA F., (2010) Consignment Stock inventory model in an integrated supply chain, *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*. 48 (2), pp. 477-500.
- [39] BATTINI D., FACCIO M, PERSONA A., SGARBOSSA F., (2009) Logistic Game™: Learning By Doing And Knowledge-Sharing, *PRODUCTION PLANNING & CONTROL*. 20 (8), pp. 724-736.
- [40] BATTINI D., FACCIO M, PERSONA A., SGARBOSSA F., (2009) Design of the Optimal Feeding Policy in an Assembly System, *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*. 121 (1), pp. 233-254.
- [41] BATTINI D., FACCIO M, PERSONA A., SGARBOSSA F. (2009). Balancing-Sequencing Procedure For A Mixed Model Assembly System In Case Of Finite Buffer Capacity. *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*. 44 (3-4), pp. 345-359.
- [42] PERSONA A., PHAM H., SGARBOSSA F., (2009), Systemability Function to Optimisation Reliability in Random Environment. *INTERNATIONAL JOURNAL OF MATHEMATICS IN OPERATIONAL RESEARCH*. 1 (3), pp. 397-417.
- [43] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2009), A new methodological framework to implement an RFID project and its application, *INTERNATIONAL JOURNAL OF RF TECHNOLOGIES: RESEARCH AND APPLICATIONS*. 1 (1), pp. 77-94
- [44] BATTINI D., FACCIO M., FERRARI E., PERSONA A., SGARBOSSA F. (2007), Design Configuration for a Mixed-Model Assembly System in case of Low Product Demand, *INTERNATIONAL JOURNAL ADVANCED MANUFACTURING TECHNOLOGY*. 34 (1-2), pp. 188-200.

EDITORIALS & BOOK CHAPTERS

- [45] SGARBOSSA F. & DE LEEUW S. (2015), Humanitarian Operations Management, *INTERNATIONAL JOURNAL OF OPERATIONS AND QUANTITATIVE MANAGEMENT*. 21 (1).
- [46] BATTINI, D., FACCIO, M., PERSONA, A., & SGARBOSSA, F. (2014). Modelling the Growing Process of Integrated Healthcare Supply Networks. *HEALTHCARE ADMINISTRATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS*, 1, pp. 377-389

INVITED CONFERENCES

- [47] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2016), Dual-tray vertical lift modules for fast order picking, 14th International Material Handling Research Colloquium (IMHRC 2016) Karlsruhe Institute of Technology Baden-Württemberg, Germany, 12-16 June 2016
- [48] SGARBOSSA F. (2016) "Human factors in industrial and logistic system design" Industrial and Academics Meeting, Technische Universität Darmstadt, Germany, 11-13 May 2016
- [49] BATTINI D., PERSONA A., SGARBOSSA F., (2015), Ergonomics and part feeding in assembly line design and balancing, Workshop "ALBP 60 years later: State-of-the-Art and Future Developments Roadmap" November 2015, Toulouse, France
- [50] SGARBOSSA F. (2015) Ergonomics in Industrial Systems Design and Management, "A Holistic Approach to Workplace Health-Promotion and Corporate Wellness", September 10-15, 2015, Izola (Slovenia).

INTERNATIONAL CONFERENCES

- [51] BATTINI D., PERSONA A., SGARBOSSA F., VISENTIN V (2016), Including ergonomics aspects into mixed-model assembly line balancing problem, 7th International Conference on Applied Human Factors and Ergonomics (AHFE 2016) and the Affiliated Conferences 27-31 July, 2016, Orlando, Florida
- [52] BATTINI D., CALZAVARA M., MAZZON S, PERSONA A., SGARBOSSA F., (2016), Balancing assembly line and part picking at once to achieve economic gains in assembly system management In: 19th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS, February 23-26, 2016.
- [53] BATTINI D., PERSONA A., SGARBOSSA F., VISENTIN V. (2016), Sustainable purchasing and transportation in a global supply chain scenario under a cap and trade system In: 19th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS, February 23-26, 2016.
- [54] BATTINI D., GLOCK C., GROSSE E., PERSONA A., SGARBOSSA F., (2016), An integrated approach to include ergonomics in lot-sizing decision In: 19th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS, February 23-26, 2016.
- [55] BATTINI D., CELIN A., PERSONA A., SGARBOSSA F., ZENNARO I. (2016), Reliability Analysis based on field Microdowntime data: A bottle production plant case study. In: 22nd ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN. Los Angeles, U.S.A, August 4-6, 2016.
- [56] BATTINI D., MAZZON S, PERSONA A., SGARBOSSA F., (2016), Condition-based maintenance in a bottling line. In: 22nd ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN. Los Angeles, U.S.A, August 4-6, 2016.
- [57] BATTINI D., CALZAVARA M., OTTO A., PERSONA A., SGARBOSSA F., (2016) The Integrated Assembly Line Balancing and part Feeding Problem with ergonomics considerations. 8th IFAC / IEEE / IFORS / IFIP / INFORMS MIM 2016 Conference on Manufacturing Modelling, Management & Control" - Troyes, France, Giugno 2016
- [58] CALZAVARA M, GLOCK C., GROSSE E., PERSONA A, SGARBOSSA F., (2016) Models for an ergonomic evaluation of order picking from different rack layouts. 8th IFAC / IEEE / IFORS / IFIP / INFORMS MIM 2016 Conference on Manufacturing Modelling, Management & Control" - Troyes, France, Giugno 2016
- [59] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2015), Design of compact storage system, 5th International Conference on Production Engineering and Management, Trieste Ottobre 2015.
- [60] CALZAVARA M, GLOCK C., GROSSE E., SGARBOSSA F. (2015) The impact of alternative rack layouts on economic and ergonomic performance measures in order picking. 20th International Symposium on Logistics (ISL 2015), Bologna, Italy 5-8th July 2015
- [61] AZZI, A., BATTINI, D., PERSONA, A., SGARBOSSA, F. (2015), Logistics cycle indexes: Supply Network Analysis takes a step further, Proceedings of the 13th International Symposium on Operational Research, SOR 2015 pp. 209-214
- [62] BATTINI D., SGARBOSSA F., DELORME X., DOLGUI A., (2015), Assembly Line Balancing with Ergonomics Paradigms: Two Alternative Methods. In: INCOM 2015 - 15th IFAC/IEEE/IFIP/IFORS Symposium On Information Control Problems in Manufacturing. Ottawa, Canada, 11-13 May 2015.
- [63] BATTINI D., GLOCK C., GROSSE E., PERSONA A., SGARBOSSA F., (2015), Ergo-Lot-Sizing: Considering Ergonomics in Lot-Sizing Decisions. In: INCOM 2015 - 15th IFAC/IEEE/IFIP/IFORS Symposium On Information Control Problems in Manufacturing. Ottawa, Canada, 11-13 May 2015.
- [64] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2015), Linking Human Availability and Ergonomics Parameters in Order-Picking Systems. In: INCOM 2015 - 15th IFAC/IEEE/IFIP/IFORS Symposium On Information Control Problems in Manufacturing. Ottawa, Canada, 11-13 May 2015.
- [65] BATTINI D., PERSONA A., SGARBOSSA F., ZENNARO I., DE MARCHI R. (2015). Downtime Analysis as a tool to improve efficiency in automated production lines: A bottle plant case study. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 16-18 Settembre 2015.
- [66] BATTINI D., CALZAVARA M., PERSONA A., RONCARI M., SGARBOSSA F. (2015). Dual-tray Vertical Lift Module for order picking: a performance and storage assignment preliminary study. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 16-18 Settembre 2015.

- [67] ZANARDELLI A., BATTINI D., PERSONA A., SGARBOSSA F. (2015). Sustainable transportation network design: a literature review and a research agenda. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 16-18 Settembre 2015.
- [68] ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F. (2014) Parametric analysis of a sustainable lot-sizing model in a global supply chain scenario. In: 18th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS, February 24-28, 2014
- [69] BATTINI D., PERSONA A., SGARBOSSA F., (2014), Ergo-Balancing in Assembly Lines based on Energy Expenditure Rate, In: IFORS 2014 - 20th Conference of the International Federation of Operational Research Societies. Barcelona, Spain, 13-18 July 2014.
- [70] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2014), New packaging solutions for sustainable fresh food supply chains and research agenda, In: 21st INTERNATIONAL ANNUAL EurOMA CONFERENCE, Palermo, Italy, June 20-25, 2014.
- [71] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F. (2014). A model for warehouse picking forward area allocation and dimensioning. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 09-12 Settembre 2014.
- [72] ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F. (2014) Sustainable lot-sizing: an innovative approach to incorporate the 3BL paradigm into inventory management. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 09-12 Settembre 2014.
- [73] BATTINI D., PERSONA A., SGARBOSSA F., ZENNARO I., (2014). TPM Implementation in automated flow line manufacturing systems: criticalities and key factors to support a faster implementation. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 09-12 Settembre 2014.
- [74] BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F. (2014). Close Loop Supply Chain in Humanitarian Operations. Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 09-12 Settembre 2014.
- [75] BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F., VAN WASSENHOVE L., (2013), Vehicle Routing Problem in Humanitarian Operations, In: 20th INTERNATIONAL ANNUAL EurOMA CONFERENCE, Dublin, Ireland, June 7-12, 2013.
- [76] ANDRIOLO A., BATTINI D., GAMBERI M., SGARBOSSA F., PERSONA A. (2013) 1913-2013: The EOQ theory and next steps towards sustainability. IFAC PROCEEDINGS VOLUMES (IFAC-PapersOnline), 7th IFAC Conference on Manufacturing Modelling, Management, and Control, MIM 2013, Saint Petersburg, June 19-21, 1708-1713.
- [77] BATTINI D., PERSONA A., SGARBOSSA F., (2013), Ergo-picking: multi-objective approach to consider ergonomics aspects in picking systems design and management, In: 26th EURO-INFORMS CONFERENCE, Rome, Italy, July 1-4, 2013.
- [78] BATTINI D., BORTOLINI M., GAMBERI M., PILATI F., SGARBOSSA F., (2013), Bi-objective warehouse design: travel time versus energy consumption optimization, In: 26th EURO-INFORMS CONFERENCE, Rome, Italy, July 1-4, 2013.
- [79] BATTINI D., PERSONA A., SGARBOSSA F., (2013), Spare parts management: a comparison between (s,s) policy with delayed ordering and policy based on binomial distribution and total cost. In: 19th ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN. Hawaii, U.S.A, August 5-7, 2013.
- [80] ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F., (2013), Ergonomic lot sizing: a new integrated procedure towards a sustainable inventory management. In PROCEEDING ICPR 2013. 22th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Iguassu Falls, Brazil, July 28th – August 1st.
- [81] BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F. (2013), LCA (Life Cycle Assessment) in Disaster Waste Management: Emilia-Romagna Earthquake, an Italian case study - Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 11-13 Settembre 2013. ISBN 978-88-908649-0-2 - ISSN (online) 2283-8996
- [82] ANDRIOLO A., BATTINI D., CALZAVARA M., GAMBERI M., PERETTI U., PERSONA A., PILATI F., SGARBOSSA F. (2013) New pick-to-light system configuration: a feasibility study - Summer School del gruppo ING-IND 17 "F. Turco", Senigallia, Italia. 11-13 Settembre 2013. ISBN 978-88-908649-0-2 - ISSN (online) 2283-8996

- [83] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2012), Manual order picking optimization: an innovative approach, In: 4TH WORLD CONFERENCE ON PRODUCTION & OPERATIONS MANAGEMENT, Amsterdam, Netherlands, 1-5 July 2012
- [84] BATTINI D., PERSONA A., SGARBOSSA F., (2012), A Sustainable EOQ Model: theoretical formulation and applications, In: 17th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS, February 20-24, 2012
- [85] BORTOLINI M., GAMBERI M., GRAZIANI A., MANZINI R., PILATI F., SGARBOSSA F., (2012), Feasibility analysis of photovoltaic systems in the main EU countries, ICERD-5 INTERNATIONAL CONFERENCE ON ENERGY RESEARCH & DEVELOPMENT 2012, 9-12 April 2012, Kuwait
- [86] BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F. (2012), Development of a general multi-objective framework for OM in Humanitarian Logistics - Summer School del gruppo ING-IND 17 "F. Turco", Venice, Italia. 12-14 Settembre 2012. ISBN 9788890631917
- [87] ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F. (2012), 1913-2013: The EOQ theory and a future research agenda - Summer School del gruppo ING-IND 17 "F. Turco", Venice, Italia. 12-14 Settembre 2012. ISBN 9788890631917
- [88] AKKERMAN R., AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2011), Manufacturing Execution Systems in the Food Industry: Implementation and Performance. In: PROCEEDING WORKSHOP ON FOOD SUPPLY CHAIN (WFSC), Bertinoro, Italy j une 26 – July 1 , 2011 ISBN 9788890650000.
- [89] AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2011), Packaging Design for Logistics: a new integrated approach In: PROCEEDING ICPR 2011. 21th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Stuttgart, Germany. July 31 - August 4, 2011. ISBN:9783839602935
- [90] FACCIO M., PERSONA A., SGARBOSSA F., ZANIN G., (2011), Quantitative framework for industrial maintenance policy development, In: PROCEEDING ICPR 2011. 21th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Stuttgart, Germany. July 31 - August 4, 2011. ISBN:9783839602935
- [91] AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2011), Logistics outsourcing assessment in centralized healthcare supply network. Summer School del gruppo ING-IND 17 "F. Turco", Abano Terme, Italia. 14-16 Settembre 2011. ISBN 9788890631924
- [92] AZZI A., FACCIO M., PERSONA A., SGARBOSSA F., (2010) Scheduling in a Job Shop Production System with Different Parallel Machines and Multiple Products: an Heuristic Approach, 24th European Conference on Operational Research, Lisbon, Portugal, 11-14 July 2010.
- [93] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2010), Inspection allocation cost model in modern assembly systems, In: PROCEEDING OF ISSAT 2010. 16th ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN. Washington, USA. 5-7 August 2010. ISBN 978-0-9763486-6-5
- [94] AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2010), Sustainable Healthcare Supply Chain: insights from Veneto region. Summer School del gruppo ING-IND 17 "F. Turco", Monopoli, Italia. 14-18 Settembre 2010. ISBN 978-88-904625-1-1
- [95] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2009), Healthcare Supply Chain modelling: a conceptual framework, PRODUCTION AND OPERATIONS MANAGEMENT SOCIETY CONFERENCES, Orlando, Florida USA. 1-4 May 2009.
- [96] ORTOLANI C., PERSONA A., SGARBOSSA F. (2009), Modelling external transport costs in distribution networks, PRODUCTION AND OPERATIONS MANAGEMENT SOCIETY CONFERENCES, Orlando, Florida USA. 1-4 May 2009.
- [97] AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2009), An entropic model for evaluating impacts of Third-party logistics, In: PROCEEDING ICPR 2009. 20th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Shanghai, China. 2-6 August 2009. ISRC CN-E16-09-0006-0/A - H
- [98] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2009), Components Management Policies in Assembly To Order Environments, In: PROCEEDING ICPR 2009. 20th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Shanghai, China. 2-6 August 2009. ISRC CN-E16-09-0006-0/A - H

- [99] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2009), Sustainable Spare Parts Logistics. Summer School del gruppo ING-IND 17 "F. Turco", Monopoli, Italia. 15-19 Settembre 2009. ISBN 978-88-904625-0-4
- [100] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), Optimal Centralization/Decentralization Degree of Components Inventory and Optimal Feeding System in an Assembly System, GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE (BIRC, Emerald, Elsevier, Science Direct Conference), Rio De Janeiro, 16-19 January 2008. ISBN 978-1-60585-005-4.
- [101] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), The Multi/Mixed Models Assembly Line Balancing Problem: Evaluation of the balancing methodologies in presence of variability of task time and demand. GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE (BIRC, Emerald, Elsevier, Science Direct Conference), Rio De Janeiro, 16-19 January 2008. ISBN 978-1-60585-005-4.
- [102] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), A single vendor multiple buyer inventory model for evaluating Consignment Stock Policy, GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE (BIRC, Emerald, Elsevier, Science Direct Conference), Rio De Janeiro, 16-19 January 2008. ISBN 978-1-60585-005-4. (questo articolo ha ricevuto il titolo di "BEST PAPER AWARD" come paper di miglior qualità).
- [103] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), Reliability of motorcycle components using systemability approach, 14th ISSAT INTERNATIONAL CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN, Orlando, Florida USA. 7-9 August 2008. ISBN 978-0-9763486-4-1.
- [104] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2007), Linking Ergonomics Evaluation And Assembly System Design Problem In A New Integrated Procedure. In: PROCEEDING ICPR 07. 19th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Valparaiso, Chile. July 29 - August 3 2007 ISBN: 978-956-310-751-7.
- [105] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2007), Study Of Innovative Applications Of Rfid Technology: Methodological Framework. In: PROCEEDING ICPR 2007. 19th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. Valparaiso, Chile. July 29 - August 3 2007 ISBN: 978-956-310-751-7.
- [106] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2007), Reliability In Random Environment: Systemability And Its Applications, In: PROCEEDING OF ISSAT 2007. 12th ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN. Seattle, USA. 2-4 August 2007. ISBN 978-0-9763486-2-7.
- [107] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2007), The Logistic Game. In: PROCEEDING OF 25th INTERNATIONAL CONFERENCE OF THE SYSTEM DYNAMICS SOCIETY. Boston. July 29 - August 2 2007. ISBN 978-0-9745329-7-4.

NATIONAL JOURNALS & CONFERENCES

- [108] BATTINI D., PERSONA A., SGARBOSSA F., BERETTA F., PEPORI M. (2014), A Comparison Between (s, S) Policy with Delayed Ordering and Policy Based on Binomial Distribution and Total Cost- IMPIANTISTICA ITALIANA, Luglio-Agosto 2014 – pp 69-75.
- [109] BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2014), Niente più fatica nel picking – LOGISTICA, Gennaio 2014 – pp 17-20.
- [110] BATTINI D., PERSONA A., SGARBOSSA F., (2013), Micrologistica in Sanità. Distributore intelligente di farmaci: più sicurezza e meno costi – LOGISTICA, Novembre 2013 – pp 26-28.
- [111] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2009) Il Logistic Game™. Un gioco di simulazione per apprendere. LOGISTICA & MANAGEMENT. Aprile 2009 – pp. 43-50.
- [112] AZZI A., BATTINI D., PERSONA A., SGARBOSSA F. (2009), Approccio innovativo nella progettazione e gestione di AS/RS Multishuttle, In: ATTI DEL CONVEGNO ANIMP 2009. CONVEGNO NAZIONALE "INGEGNERIA E IMPIANTISTICA ITALIANA", Roma, Italia. 11-12 Giugno 2009. ISBN 88-88198-14-8

- [113] AZZI A., BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2009), Quantificare l'indice annuo dei costi di giacenza: modello di calcolo e analisi comparativa di casi studio, In: ATTI DEL CONVEGNO ANIMP 2009. CONVEGNO NAZIONALE "INGEGNERIA E IMPIANTISTICA ITALIANA", Roma, Italia. 11-12 Giugno 2009. ISBN 88-88198-14-8
- [114] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), L'innovativo concetto di Systemability per l'analisi affidabilistica: sviluppi e applicazioni. Summer School del gruppo ING-IND 17 "F. Turco", Gaeta, Italia. 9-12 Settembre 2008.
- [115] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2008), Procedura integrata di Bilanciamento-Sequenziamento per un sistema di assemblaggio tipo Mixed Model Assembly in caso di buffer a capacità finita. Summer School del gruppo ING-IND 17 "F. Turco", Gaeta, Italia. 9-12 Settembre 2008. (SELEZIONATO PER PUBBLICAZIONE SU IMPIANTISTICA ITALIANA)
- [116] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2008). Sistema di Assemblaggio Flessibile IMPIANTISTICA ITALIANA. Anno XXI N. 6 novembre-dicembre 2008 – pp. 71-75.
- [117] BATTINI D., GRASSI A., PERSONA A., SGARBOSSA F.. (2007), Framework per lo studio della gestione Consignment Stock per prodotti con domanda stocastica e possibile rischio di obsolescenza, In: ATTI DEL CONVEGNO ANIMP 2007. CONVEGNO NAZIONALE "INGEGNERIA E IMPIANTISTICA ITALIANA". Porto Ferraiolo, Isola d'Elba. 26-28 Aprile 2007. ISBN 88-88198-12-1
- [118] BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F. (2007), Studio di applicazioni innovative della tecnologia RFID per tracciare e gestire informazioni in impianti complessi: framework metodologico. In: ATTI DEL CONVEGNO ANIMP 2007. CONVEGNO NAZIONALE "INGEGNERIA E IMPIANTISTICA ITALIANA". Porto Ferraiolo, Isola d'Elba. 26-28 Aprile 2007. ISBN 88-88198-12-1