

Daria Battini

PERSONAL INFORMATION

Name	Daria Battini
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Nationality	[REDACTED]
Date of birth	[REDACTED]

GENERAL INFORMATION

Daria Battini is Full Professor of Industrial Systems and Logistics at the University of Padova since the May 2018. She is the Coordinator of the Doctoral Course in Mechatronics and Product Innovation Engineering since July 2018.

Daria is currently the Coordinator of the H2020 RISE project MAIA (Grant Agreement No.873077) entitled "Models and Methods for an active ageing workforce: an International Academy" (years: 2020-2023).

Daria is from the 1st September 21 a member of the national qualification evaluation committee (ASN) designated by the Italian Ministry of Instruction (MIUR) to evaluate the calls for the national qualifications to become associate and full professor in industrial facility design and logistics.

At the University of Padova she is Professor of "Industrial Facility Design" and of "Material Flow Systems and Logistics Networks" in the MSc in Industrial Engineering and of "Industrial Logistics" at the MSc in Mechanical Engineering. She is the responsible of three ERASMUS agreements between Padova University and the DTU (Denmark), the TUM (Germany) and the Berlin School of Economics and Law (HWR).

Daria Battini is an active member of IFAC and since 2017 she is Vice-chair for education of the TC 5.2 Manufacturing Modelling for Management and Control. She is also a member of AIDI and EUROMA.

She teaches and conduct researches in the field of industrial logistics and supply chain management, industrial system design and management (including warehousing, picking and assembly systems), supply network mapping, modeling and optimization, ergonomics in material handling and in assembly, inventory management and product/process traceability. Her researches are published in several international journals, international conference

proceedings, trade magazines, industry reports and newspapers. She published more than 120 scientific papers in International journals or in proceeding of International and national conferences Peer Reviewed.

She is referee of relevant journals in the Supply Chain Management and Logistics Area. Daria is an Editorial Board Member of the Journal of Management Control, International Journal of Optimization and Control: Theories & Applications and the Int. Journal of Integrated Supply Management. She has guest-edited several special issues in the last 10 years, for the Journal of Management Control (JoMaC) and the International Journal of Production Economics.

Since 2015 she has been chairman, co-chairman and session manager of several special session dedicated to the topic "Human factors and ergonomics in industrial and logistics system design and management", in collaboration with F.Sgarbossa, P. Neumann, C.Glock e E.Grosse in IFAC congress (2017), INCOM conferences (2015-2018) and MIM conferences (2016 and 2019).

She has been a member of the International Program Committee (IPC) of the 9th IFAC Conference MIM 2019, held in August 28-30, 2019 in Berlin.

In particular in the years 2010-2012, she participated as a member of the Padova unit at the PRIN project entitled "Modellizzazione, simulazione e sperimentazione di reti logistiche innovative per la gestione dei farmaci nella sanità" and during this project she developed in collaboration with Prof. Alessandro Persona a new patent of an intelligent drug dispenser for hospitals (Patent Number N. 0001406093, patent date: 11 feb 2014).

In 2013-2014, she participated in the European project "Implementation of the Liquid infusion in the Manufacturing of Aerospace Structures (ILMAS)", financed by the EU in the Clean Sky program, Grant Agreement no: 338413.

From January 2015 to November 2018, she has been the responsible of the Padova Unit in the EU project REINVEST, financed by EuropeAid/135-474/DD/ACT/IN with the title: "EU-India research and innovation partnership for efficient and sustainable freight transportation".

Since 2007 she started researches on Simulation Game and Learning Game design and in collaboration with other colleagues of the University of Padua, she developed the Logistic Game™, a new simulation game for learning by doing and knowledge sharing. The Logistic Game has been registered as a EU community trade mark from the University of Padua in 2009.

EDITORIAL BOARDS MEMBER

Since 2012, she is guest editor and editorial board member in the following journals with the responsibility to manage and coordinate the editing of specific issues:

- 1) Journal of Management Control (JoMAC)
- 2) International Journal of Optimization and Control: Theories & Applications.
- 3) International Journal of Integrated Supply Management (IJISM)
- 4) International Journal of Production Economics (IJPE)
- 5) Cleaner Logistics and Supply Chain (CLSCN)
- 6) Int. Journal of Advanced Operations Management (IJAOM)

She is Guest Editor for the International Journal of Production Economics of the Special Issue dedicated to the papers presented in the Innsbruck Working Seminar 2020.

She is Editorial Board Editor (EBE) for the new journal Cleaner Logistics and Supply Chain (CLSCN)

INTERNATIONAL AND NATIONAL RESEARCH PROJECTS COORDINATION

She has been the scientific responsible of the project "Modelli e strumenti innovativi per la progettazione logistica integrata dei sistemi di packaging". Funded by the University of Padova from 2010 until 2012.

She has been the scientific responsible for the University of Padova of the EU project REINVEST, financed by EuropeAid/135-474/DD/ACT/IN with the title: "EU-India research and innovation partnership for efficient and sustainable freight transportation". from 01-01-2015 to 31-12-2019

She has been the scientific responsible of the project "Human-friendly smart workstation for supporting the ageing workforce involvement in industrial systems", funded by the University of Padova. from 01-03-2015 to 31-08-2017.

She has been the scientific responsible for the University of Padova of the Regional Project "Closed Loop Supply Chain", funded by Regione Veneto, cod. 1001-1-1267-2017. from 01-01-2018 to 31-05-2019.

She is the coordinator of the European Project H2020-MSCA-RISE-2019 Marie Skłodowska-Curie, Research and Innovation Staff Exchange (RISE), Grant Agreement: MAIA-873077 Project title: MAIA: 'Models And Methods For An Active Ageing Workforce: an International Academy' from 01-01-2020 until now.

She is the scientific responsible for the University of Padova of the Regional Project POR FESR 2014-2020 for Reti Innovative Regionali. Project Title: RELOAD "Resilient Logistics And Supply Chain Design" Rete Innovativa Regionale RIVELLO from 10 September 2020 until now.

ORGANIZATION OF CONFERENCES, SPECIAL SESSIONS AND WORKSHOPS:

In 2011-2012 she has been a member of the Organizing Committee of the Summer School Francesco Turco (SSD ING-IND/17) in Abano Terme and Venezia.

Co-chair of the international workshop "Supply Chain Management in Emerging and Challenging Sectors: Energy, Food and Healthcare, 29-30 August 2013 (Venice).

Member of the 'Organizing Committee of the International Workshop "Innovations in Healthcare Delivery and Management", 2-3 September 2013 (Venice).

Organizer and chair of the Special Session "Human factors in industrial and logistics system design", with F.Sgarbossa, C.Glock e E.Grosse in IFAC 2015, Ottawa, Canada.

Keynote Speaker in the international workshop "ALBP 60 years later: state of the art and future developments roadmap", with a talk entitled "Ergonomics and Part Feeding in Assembly line design and balancing" (Toulouse, France, 2015).

Organizer and chair of the Special Session "Human factors in industrial and logistics system design", with F.Sgarbossa, P. Neumann, C.Glock e E.Grosse in IFAC MIM 2016, Troyes, France.

Organizer and chair of the Special Session "Human factors and ergonomics in industrial and logistics system design and management", with F.Sgarbossa, P. Neumann, C.Glock e E.Grosse in IFAC 2017 World Congress, Toulouse, France.

Organizer and chair of the Special Session "MRP and Related System Approach to Industrial Engineering and Services" in SOR 2017, Bled (Slovenia).

From 2012 until now she has been chairman of several sessions in the International Working Seminar on Production Economics organized by the International Journal of Production Economics in Innsbruck.

Organizer and Chair of the International workshop organized by the EU H2020 project REINVEST, 20 e 21 December, 2017 in Padova, Italy.

In 2019 she has been a member of the International Program Committee (IPC) 9th IFAC Conference MIM 2019, 28-30 August, 2019, Berlin.

SCIENTIFIC COLLABORATIONS:

She collaborates with relevant international researchers and in particular with: Universität Jena (Germany, Prof. N. Boysen), Rutgers University (USA, Prof. H. Pham), University of Massachusetts (USA, Prof. A. Gunasekaran), Technical University of Denmark (Denmark, Prof. A. Larsen), Monash University (Australia, Prof. A. Sohal), The University of Chicago (USA, Prof. S. Allesina), DeGroote School of Business (Canada, Prof. E. Hassini), University of Macedonia (Greece, Prof. V. Manthou), University of Loughborough (UK, Prof. Alok Choudhary), Ecole de Mines de Saint Etienne (Prof. X. Delorme), Darmstadt University (Germany, Prof. Glock), Rotterdam School of Management (Netherlands, Prof. R. De Koster), Kedge Business School (France, Prof. O.Battaia), Berlin School of Economics and Law (Germany, Prof. Dmitry Ivanov).

AWARDS AND RECOGNITIONS

In 2008 Daria Battini received the "Best Paper Award" for the publication "A single-vendor multi buyer Consignment Stock inventory model" developed with Faccio M., Persona A., Sgarbossa F. from the Global Business and Innovation Development Conference 2008, Rio de Janeiro, 16-19 January 2008.

In 2011 Daria received the recognition for: Most Downloaded International Journal of Industrial Ergonomics Articles - From: International Journal of Industrial Ergonomics in 2011

In 2014 Daria received the Best Master Thesis in Maintenance as Supervisor from the EFNMS- European Federation of national Maintenance Societies for: Best Master Thesis Award as Supervisor of The Best Nominated Master Thesis of Italy entitled "EQUIPMENT EFFECTIVENESS MAXIMIZATION"

In 2015 Daria Battini received the Best Application Paper Award from the international conference INCOM 2015 for the paper "Assembly line balancing with ergonomics paradigms: two alternative methods" in collaboration with Delorme X., Dolgui A. e Sgarbossa F.

In 2019, the Phd candidates S. Finco and M.A. Abdous supervised by Daria Battini received by the MIM Conference 2019 the Young Author Award for the paper entitled "Assembly Line Design with Tools Vibration" co-authored by S. Finco, M.-A. Abdous, D. Battini, M. Calzavara & X. Delorme.

In 2021 Daria Battini received the certificate of recognition for top cited paper from the International Journal of Production Research for the paper entitled "Ageing workforce management in manufacturing systems: state of the art and future research agenda" developed by Martina Calzavara, Daria Battini, David Bogataj, Fabio Sgarbossa and Ilenia Zennaro in 2020.

PATENT AND OTHER PRODUCT DEVELOPMENTS:

Since 2007 she started researches on Simulation Game and Learning Game design and in collaboration with other colleagues of the University of Padua, she developed the Logistic Game™, a new simulation game for learning by

doing and knowledge sharing. The Logistic Game has been registered as a EU community trade mark from the University of Padova in 2009.

Italian Patent Co-inventor. Coinventore nel brevetto per invenzione industriale dal titolo "DISTRIBUTORE DI FARMACI PER REPARTI OSPEDALIERI O SIMILI E METODO DI DISTRIBUZIONE INTELLIGENTE DI FARMACI" (Inventors: Persona A, Battini D, Bottos R). N. 0001406093, 11/02/2014.

OTHER ROLES:

She has been the supervisor of 4 PhD candidates, they have finally discussed and successfully received the PhD in 2012, 2014, 2017 and 2019 (Anna Azzi, Alessandro Andriolo, Ilenia Zennaro and Ilaria Isolan).

She participates and coordinates several research and innovation projects in collaboration with private companies as: Angelo Po Grandi Cucine S.p.A, Conad del Tirreno, Gruppo Gottardo, ADR (Aeroporti di Roma), Rieco, from 2007 until now.

She is member of the Scientific Technical Committee (CTS) of ITS LAST – Logistica, Sistemi e Servizi Innovativi per la Mobilità di persone e merci sedi: Verona, Vicenza, Padova.

She is member of the Research Council of the Department of Management and Engineering at the University of Padova.

She is member of the Scientific Technical Committee (CTS) of RIVELLO- Reti Innovative Regionali: RIVELLO - la Rete Innovativa per il Veneto.

Padova, 3 December 21

Your Sincerely

Daria Battini

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LIST OF PUBLICATIONS (UNTIL APRIL 9, 2021)

JOURNAL ARTICLES

- 1) Aldrighetti, R., Battini, D., Ivanov, D., Zennaro, I., Costs of resilience and disruptions in supply chain network design models: A review and future research directions, (2021) *International Journal of Production Economics*, 235, art. no. 108103, .
- 2) Katiraei, N., Calzavara, M., Finco, S., Battini, D., Battaïa, O. Consideration of workers' differences in production systems modelling and design: State of the art and directions for future research (2021) *International Journal of Production Research*.
- 3) Ivanov, D., Tang, C.S., Dolgui, A., Battini, D., Das, A. Researchers' perspectives on Industry 4.0: multi-disciplinary analysis and opportunities for operations management (2021) *International Journal of Production Research*, 59 (7), pp. 2055-2078.
- 4) Botti, L., Battini, D., Sgarbossa, F., Mora, C. Door-to-door waste collection: Analysis and recommendations for improving ergonomics in an Italian case study (2020) *Waste Management*, 109, pp. 149-160.
- 5) Finco, S., Battini, D., Delorme, X., Persona, A., Sgarbossa, F. Workers' rest allowance and smoothing of the workload in assembly lines (2020) *International Journal of Production Research*, 58 (4), pp. 1255-1270.
- 6) Calzavara, M., Battini, D., Bogataj, D., Sgarbossa, F., Zennaro, I. Ageing workforce management in manufacturing systems: state of the art and future research agenda (2020) *International Journal of Production Research*, 58 (3), pp. 729-747.
- 7) Zangaro, F., Minner, S., Battini, D. A supervised machine learning approach for the optimisation of the assembly line feeding mode selection (2020) *International Journal of Production Research*, .
- 8) Abdous, M.-A., Delorme, X., Battini, D. Cobotic Assembly Line Design Problem with Ergonomics (2020) *IFIP Advances in Information and Communication Technology*, 598, pp. 573-582.
- 9) Battini, D., Finco, S., Sgarbossa, F. Human-oriented assembly line balancing and sequencing model in the industry 4.0 era (2020) *International Series in Operations Research and Management Science*, 289, pp. 141-165.
- 10) Battini, D., Zennaro, I., Aldrighetti, R., Sgarbossa, F. Centralised healthcare supply networks for efficient and sustainable drug management: An Italian case study (2020) *International Journal of Integrated Supply Management*, 13 (4), pp. 394-417.
- 11) Pilati, F., Zennaro, I., Battini, D., Persona, A. The Sustainable Parcel Delivery (SPD) Problem: Economic and Environmental Considerations for 3PLs (2020) *IEEE Access*, 8, art. no. 9064539, pp. 71880-71892.
- 12) Zennaro, I., Finco, S., Calzavara, M., Battini, D., Persona, A. A parts feeding model for big size products: The active and idle assembly islands strategy (2020) *International Journal of Advanced Operations Management*, 12 (3), pp. 211-236.
- 13) Sgarbossa, F., Grosse, E.H., Neumann, W.P., Battini, D., Glock, C.H. Human factors in production and logistics systems of the future (2020) *Annual Reviews in Control*, 49, pp. 295-305.
- 14) Finco, S., Abdous, M.-A., Calzavara, M., Battini, D., Delorme, X. A bi-objective model to include workers' vibration exposure in assembly line design (2020) *International Journal of Production Research*,
- 15) Aldrighetti, R., Zennaro, I., Finco, S., Battini, D. Healthcare Supply Chain Simulation with Disruption Considerations: A Case Study from Northern Italy (2019) *Global Journal of Flexible Systems Management*, 20, pp. 81-102.

- 16) Katirae, N., Battini, D., Battaia, O., Calzavara, M. Human diversity factors in production system modelling and design: State of the art and future researches (2019) IFAC-PapersOnLine, 52 (13), pp. 2544-2549.
- 17) Berti, N., Artigues, C., Battaia, O., Guillaume, R., Battini, D. Heuristic approaches for scheduling manufacturing tasks while taking into account accumulated human fatigue (2019) IFAC-PapersOnLine, 52 (13), pp. 963-968.
- 18) Finco, S., Abdous, M.-A., Battini, D., Calzavara, M., Delorme, X. Assembly line design with tools vibration (2019) IFAC-PapersOnLine, 52 (13), pp. 247-252.
- 19) Bogataj, D., Battini, D., Calzavara, M., Persona, A. The ageing workforce challenge: Investments in collaborative robots or contribution to pension schemes, from the multi-echelon perspective (2019) International Journal of Production Economics, 210, pp. 97-106.
- 20) Bogataj, D., Battini, D., Calzavara, M., Persona, A. The response latency in global production and logistics: A trade-off between robotization and globalization of a chain (2019) Procedia Manufacturing, 39, pp. 1428-1437.
- 21) Zennaro, I., Finco, S., Battini, D., Persona, A. Big size highly customised product manufacturing systems: a literature review and future research agenda (2019) International Journal of Production Research, 57 (15-16), pp. 5362-5385.
- 22) Battini, D., Calzavara, M., Persona, A., Sgarbossa, F. A method to choose between carton from rack picking or carton from pallet picking (2018) Computers and Industrial Engineering, 126, pp. 88-98.
- 23) Battini, D., Calzavara, M., Isolani, I., Sgarbossa, F., Zangaro, F. Sustainability in material purchasing: A multi-objective economic order quantity model under carbon trading (2018) Sustainability (Switzerland), 10 (12), art. no. 4438.
- 24) Zennaro, I., Battini, D., Sgarbossa, F., Persona, A., De Marchi, R. Micro downtime: Data collection, analysis and impact on OEE in bottling lines the San Benedetto case study (2018) International Journal of Quality and Reliability Management, 35 (4), pp. 965-995.
- 25) BATTINI, D., GLOCK, C. H., GROSSE, E. H., PERSONA, A., & SGARBOSSA, F. (2017). Ergo-lot-sizing: An approach to integrate ergonomic and economic objectives in manual materials handling. INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS. 185, pp. 230-239
- 26) BATTINI, D., CALZAVARA, M., PERSONA, A., SGARBOSSA, F. (2017) Additional effort estimation due to ergonomic conditions in order picking systems. INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, 55 (10), pp. 2764-2774
- 27) 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, 54 (9), pp. 2610-2627
- 28) 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.
- 29) 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
- 30) 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.
- 31) 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.

- 32) BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F., (2016). Sustainable humanitarian operations: Closed-loop supply chain, INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONS MANAGEMENT, 25 (1), pp. 65-79
- 33) 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.
- 34) 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.
- 35) 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.
- 36) 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.
- 37) 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
- 38) 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.
- 39) BATTINI D., PERSONA A., SGARBOSSA F. (2014). A Sustainable EOQ Model: theoretical formulation and applications, INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, 149, pp. 145-153.
- 40) 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
- 41) 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.
- 42) AZZI A, BATTINI D, FACCIO M, PERSONA A, SGARBOSSA F (2014). Inventory Holding Costs Measurement: a multi-case study THE INTERNATIONAL JOURNAL OF LOGISTICS MANAGEMENT (ISSN:0957-4093), 25, ISSUE 1, ISI JOURNAL
- 43) Battini D., Faccio M., Persona A., Sgarbossa F. (2013). Modelling the Growing Process of Integrated Healthcare Supply Networks INTERNATIONAL JOURNAL OF SYSTEM DYNAMICS APPLICATIONS (ISSN:2160-9772), 2; 1-13;
- 44) BATTINI D., FACCIO M., PERSONA A., REGATTIERI A. (2013). Buffer design for availability: a new simulative study in case of infant and random failures INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONS MANAGEMENT (ISSN:1744-2370), 157- 174 , 14;
- 45) Battini D., Boysen N., Emde S. (2013). Just-in-Time supermarkets for part supply in the automobile industry JOURNAL OF MANAGEMENT CONTROL (ISSN:2191-4761), 24 (2), pp. 209-217.
- 46) A. Azzi, D. Battini, A. Persona, F. Sgarbossa (2012). Packaging Design: General Framework and Research Agenda PACKAGING TECHNOLOGY AND SCIENCE (ISSN:1099-1522), 25 (8), pp. 435-456. ISI JOURNAL
- 47) Azzi A., Battini D., Faccio M., Persona A. (2012). MIXED MODEL ASSEMBLY SYSTEM WITH MULTIPLE SECONDARY FEEDER LINES: LAYOUT DESIGN AND BALANCING PROCEDURE FOR ATO

- ENVIRONMENT INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH (ISSN:0020-7543), 5132-5151, 50; ISI JOURNAL
- 48) AZZI A; BATTINI D; M. FACCIO; PERSONA A. (2012). Sequencing Procedure For Balancing The Workloads Variations in case of Mixed Model Assembly System with Multiple Secondary Feeder Lines INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH (ISSN:0020-7543), 6081- 6098, 50; ISI JOURNAL
- 49) BATTINI D; FACCIO M; PERSONA A; F. SGARBOSSA (2012). Design of an integrated quality-assurance strategy in production system INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH (ISSN:0020-7543), 1682- 1701, 50; ISI JOURNAL
- 50) AZZI A; BATTINI D; M. FACCIO; PERSONA A; SGARBOSSA F (2011). Innovative Travel Time Model For Dual-Shuttle Automated Storage/Retrieval Systems COMPUTERS & INDUSTRIAL ENGINEERING (ISSN:0360-8352), 600- 607, 61; ISI JOURNAL
- 51) AZZI A; BATTINI D; M. FACCIO; PERSONA A (2011). Variability-oriented assembly system design: A case study in the construction industry ASSEMBLY AUTOMATION (ISSN:0144-5154), 348- 357, 31; ISI JOURNAL
- 52) 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:0169-8141), 30- 42, 41; ISI JOURNAL
- 53) AZZI A.; BATTINI D; PERSONA A; SGARBOSSA F (2010). Decreasing Network Complexity with Logistics Outsourcing: An Entropic Approach INTERNATIONAL JOURNAL OF PROCUREMENT MANAGEMENT (ISSN:1753-8432), 339- 360, 3;
- 54) BATTINI D; GRASSI A; PERSONA A.; SGARBOSSA F (2010). Consignment Stock Inventory Policy: Methodological Framework and Model INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH (ISSN:0020-7543), 2055- 2079, 48; ISI JOURNAL
- 55) BATTINI D; FACCIO M; PERSONA A; F. SGARBOSSA (2010). "Supermarket warehouses": stocking policies optimization in an assembly-to-order environment INTERNATIONAL JOURNAL, ADVANCED MANUFACTURING TECHNOLOGY (ISSN:0268-3768), 775- 788, 50; ISI JOURNAL
- 56) BATTINI D; FACCIO M; PERSONA A; SGARBOSSA F. (2010). Framework to optimise the inventory centralisation/ decentralisation degree and feeding policy in assembly systems INTERNATIONAL JOURNAL OF SERVICES AND OPERATIONS MANAGEMENT (ISSN:1744-2370), 184- 205, 6;
- 57) REGATTIERI A; MANZINI R; BATTINI D. (2010). Estimating reliability characteristics in the presence of censored data: A case study in a light commercial vehicle manufacturing system RELIABILITY ENGINEERING & SYSTEM SAFETY (ISSN:0951-8320), 1093- 1103, 95; ISI JOURNAL
- 58) 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 (ISSN:0020-7543), 477- 500, 48; ISI JOURNAL
- 59) BATTINI D.; A.REGATTIERI; A.AZZI; S.ALLESINA (2010). PERFORMANCE MEASUREMENT IN SUPPLY CHAIN: NEW NETWORK ANALYSIS AND ENTROPIC INDEXES INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH (ISSN:0020-7543), 2297- 2321, 48; ISI JOURNAL
- 60) 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 OPERATIONS MANAGEMENT (ISSN:1744-2370), 126- 148, 6;
- 61) 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, ADVANCED MANUFACTURING TECHNOLOGY (ISSN:0268-3768), 345- 359, 44; ISI JOURNAL

- 62) BATTINI D; PERSONA A.; REGATTIERI A (2009). Buffer size design linked to reliability performance: A simulative study COMPUTERS & INDUSTRIAL ENGINEERING (ISSN:0360-8352), 1633- 1641, 56; ISI JOURNAL
- 63) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2009). Design of the Optimal Feeding Policy in an Assembly System. INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS (ISSN:0925-5273), 233- 254, 121; ISI JOURNAL
- 64) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2009). Logistic Game: learning by doing and knowledge-sharing PRODUCTION PLANNING & CONTROL (ISSN:0953-7287), 724- 736, 20; ISI JOURNAL
- 65) 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 (ISSN:1754-5730), 77- 94, 1;
- 66) PERSONA A.; RAFELE C; BATTINI D (2008). HOSPITAL EFFICIENCY MANAGEMENT: JUST IN TIME AND KANBAN TECHNIQUE INTERNATIONAL JOURNAL OF HEALTHCARE TECHNOLOGY AND MANAGEMENT (ISSN:1368-2156), 373- 391, 9;
- 67) PERSONA A.; BATTINI D; R.MANZINI; A.PARESCHI (2007). Optimal safety stock levels of subassemblies and manufacturing components INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS (ISSN:0925-5273), 147- 159, 110; ISI JOURNAL
- 68) BATTINI D.; PERSONA A; ALLESINA A(2007). Towards a use of network analysis: quantifying the complexity of Supply Chain Networks INTERNATIONAL JOURNAL OF ELECTRONIC CUSTOMER RELATIONSHIP MANAGEMENT (ISSN:1750-0664), 75- 90, 1;
- 69) BATTINI D; FACCIO M; PERSONA A.; VECCHIATO P (2007). Goods Delivery Optimization in Distribution Networks with Batch Production INTERNATIONAL JOURNAL OF ELECTRONIC CUSTOMER RELATIONSHIP MANAGEMENT (ISSN:1750-0664), 200- 230, 1;
- 70) PERSONA A.; REGATTIERI A.; PHAM H.; BATTINI D. (2007). Remote control and maintenance outsourcing networks and its applications in supply chain management JOURNAL OF OPERATIONS MANAGEMENT (ISSN:0272-6963), 1275- 1291, 25; ISI JOURNAL
- 71) 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 (ISSN:0268-3768), 188- 200, 34; ISI JOURNAL
- 72) BATTINI D; FACCIO M.; PERSONA A; BEVILACQUA M; CIARAPICA F (2006). CLASSIFICATION OF OCCUPATIONAL INJURY CASES USING THE REGRESSION TREE APPROACH INTERNATIONAL JOURNAL OF QUALITY AND RELIABILITY MANAGEMENT (ISSN:0265-671X), 171- 191, 13;

EDITORIALS

- 73) Minner Stefan, Battini Daria, Celebi Dilay, Innovations in Production Economics, International Journal of Production Economics, Volume 194, Pages 1-278 (December 2017). Special Issue: Innovations in Production Economics from The Innsbruck Working Seminar in Production Economics 2015.
- 74) Battini D., Bogataj M., Choudhary A., Editorial of the Special Issue on Closed Loop Supply Chain (CLSC): Economics, Modelling, Management and Control, International Journal of Production Economics Volume 183, Part B, Pages 319-606 (January 2017).
- 75) BATTINI, D., FACCIO, M., PERSONA, A., & SGARBOSSA, F. (2014). Modelling the Growing Process of Integrated Healthcare Supply Networks. In HEALTHCARE ADMINISTRATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS, 1, pp. 377-389

- 76) Battini D., Elkafi Hassini, Vassiliki Manthou (2013). Editorial of the Special Issue: Sourcing and outsourcing decisions for a sustainable healthcare supply chain: opportunities, challenges and leading practices STRATEGIC OUTSOURCING (ISSN:1753-8297), Vol. 6 Iss: 1;
- 77) Battini, D., Boysen, N. (2013) Management control in the automotive industry, Journal of Management Control, 24 (2), pp. 93-94.

CONFERENCE PROCEEDINGS

- 78) Finco, S., Zennaro, I., Battini, D., Persona, A. Workers' availability definition through the energy expenditure evaluation (2019) Proceedings - 25th ISSAT International Conference on Reliability and Quality in Design, pp. 29-33.
- 79) 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
- 80) 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.
- 81) 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.
- 82) 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 (Selected for the Special Issue on IJPE).
- 83) 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.
- 84) 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.
- 85) 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, June 2016 (Selected for the Special Issue on IJPR).
- 86) 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
- 87) 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
- 88) BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F., (2015), Design of compact storage system, 5th International Conference on Production Engineering and Management, Trieste October 2015.

- 89) 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
- 90) 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. (Nomination for the Best Application paper Award and Winner of the Best Application Paper Award)
- 91) 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. (Nomination for the Best Application paper Award)
- 92) 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. (Selected for the Special Issue on IJPR).
- 93) 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. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Napoli, Italia. 16-18 Settembre 2015.
- 94) 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. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Napoli, Italia. 16-18 Settembre 2015..
- 95) 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
- 96) 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.
- 97) 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.
- 98) BATTINI D., CALZAVARA M., PERSONA A., SGARBOSSA F. (2014). A model for warehouse picking forward area allocation and dimensioning. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Senigallia, Italia. 09-12 Settembre 2014.
- 99) ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F. (2014) Sustainable lot-sizing: an innovative approach to incorporate the 3BL paradigm into inventory management. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Senigallia, Italia. 09-12 Settembre 2014.
- 100) 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. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Senigallia, Italia. 09-12 Settembre 2014.
- 101) BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F. (2014). Close Loop Supply Chain in Humanitarian Operations. Proceedings of the Summer School Francesco Turco (Industrial Systems Engineering), Senigallia, Italia. 09-12 Settembre 2014.

- 102) Alessandro Andriolo, Daria Battini, Mauro Gamberi, Fabio Sgarbossa, Alessandro Persona (2013) 1913-2013: The EOQ theory and next steps towards sustainability. Proceeding of the MIM-IFAC International Conference 2013, Saint Petersburg 19-21 June 2013 Saint Petersburg (Russia),
- 103) Andriolo A, Battini D, Persona A, Sgarbossa F. (2013) ERGONOMIC LOT SIZING: A NEW INTEGRATED PROCEDURE TOWARDS A SUSTAINABLE INVENTORY MANAGEMENT . Proceeding of the 22nd International Conference on Production Research July 28 – August 1, 2013 Iguassu Falls, Brazil,
- 104) Daria Battini, Marco Bortolini, Mauro Gamberi, Alessandro Graziani, Cristina Mora (2013) Development of a thermostatic chamber for the performance testing of commercial compression refrigerators with traditional and low global warming potential fluids. XVIII SUMMER SCHOOL "FRANCESCO TURCO" Ancona (Italy),
- 105) Daria Battini, Maurizio Faccio, Mauro Gamberi, Francesco Pilati (2013) Assembly line balancing with equipment requirement and parallel workers: an heuristic algorithm. XVIII SUMMER SCHOOL "FRANCESCO TURCO" 11-13 September Ancona (Italy),
- 106) Daria Battini, Marco Bortolini, Maurizio Faccio, Mauro Gamberi, Francesco Pilati (2013) Bi-objective optimization of environmental impact and cost in multi-modal distribution networks . International Conference on Production Research 1- 8 28 July - 1 August 2013 Iguassu Falls, Brazil,
- 107) Francesco Pilati, Daria Battini, Marco Bortolini, Mauro Gamberi, Fabio Sgarbossa (2013) Bi-objective warehouse design: travel time versus energy consumption optimization.. 26th European Conference on Operational Research 1- 8 1-4 July 2013 Rome (Italy),
- 108) 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. Proceedings of 19th ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN August 5-7, 2013 Hawaii, U.S.A.,
- 109) BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F., VAN WASSENHOVE L (2013) Vehicle Routing Problem in Humanitarian Operations. Proceedings of the 20th INTERNATIONAL ANNUAL EurOMA CONFERENCE June 7-12, 2013 Dublin, Ireland,
- 110) BATTINI D., PERSONA A., SGARBOSSA F., (2012) A Sustainable EOQ Model: theoretical formulation and applications. Proceedings of 17th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS Robert Grubbstrom 49- 60 2 February 20-24, 2012 Innsbruck - Austria,
- 111) ANDRIOLO A., BATTINI D., PERSONA A., SGARBOSSA F. (2012) The EOQ theory and a future research agenda. Proceeding of the International Summer School Francesco Turco SSD ING-IND/17 12-14 Settembre 2012. Venice,
- 112) BATTINI D., PERETTI U., PERSONA A., SGARBOSSA F. (2012) Development of a general multi-objective framework for OM in Humanitarian Logistics. Proceedings of XVII Summer School ING-IND 17 "F. Turco" 12-14 September 2012 Venice - ITALY,
- 113) Daria Battini, Marco Bortolini, Maurizio Faccio, Mauro Gamberi, Alessandro Graziani, Francesco Pilati (2012) TECHNICAL AND ECONOMIC EVALUATION OF SMALL WIND TURBINES FOR THE MAIN EU COUNTRIES. 1 9-12 April 2012 Kuwait,
- 114) AZZI A, BATTINI D, PERSONA A (2012) "Cost-to-serve": a transportation cost allocation per delivery point approach.. PROCEEDING OF THE 23rd POMS Annual Conference 20-23 April 2012 Chicago, Illinois, USA,
- 115) AZZI A, BATTINI D, PERSONA A (2012) Analyzing Cost To Serve computation: model and application in a service sector. Proceeding of the 4th World Conference P&OM 2012 1-5 July 2012 Amsterdam,

- 116) BATTINI D., FACCIO M., PERSONA A., SGARBOSSA F., (2012) Manual order picking optimization: an innovative approach. Proceedings of the 4TH WORLD CONFERENCE ON PRODUCTION & OPERATIONS MANAGEMENT 1-5 July 2012 Amsterdam, Netherlands,
- 117) BATTINI D; M. FACCIO; PERSONA A; ZANIN G (2011) Routing strategy in a distribution network: fixed route with driver learning versus variable daily optimized route. Proceedings of 16th Summer School ING-IND 17 14-16 September 2011. Abano, Italia,
- 118) AZZI A.; BATTINI D.; PERSONA A.; F. SGARBOSSA (2011) Logistics outsourcing assessment in centralized healthcare supply network.. Proceedings of XVI Summer School ING-IND 17 "F. Turco" 14-16 September 2011 Abano Terme - Padova - Italy,
- 119) AKKERMAN R.; AZZI A.; BATTINI D.; PERSONA A.; F. SGARBOSSA (2011) Manufacturing Execution Systems in the Food Industry: Implementation and Performance. Proceedings of the First International Workshop on Food Supply Chain 17- 27 June 26 – July 1 , 2011 Bertinoro (Forlì-Cesena) - Orvieto (Terni) , Italy,
- 120) AZZI A; D. BATTINI; PERSONA A; SGARBOSSA F (2011) Packaging Design for Logistics: a new integrated approach. PROCEEDING ICPR 2011. 21th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH July 31 - August 4, 2011. Stuttgart, Germany.,
- 121) AZZI A; BATTINI D; M. FACCIO; PERSONA A (2011) Integrated Mixed Model Assembly Line Balancing Procedure In Presence Of Multiple Secondary Feeder Lines In An Ato Environment,. Proceedings of ICPR 21th, 21th Conference on Production Research, Stuttgart, Germany, July 31 - August 4 2011 July 31 - August 4 2011 Stuttgart, Germany, ,
- 122) AZZI A; BATTINI D; PERSONA A; SGARBOSSA F. (2010) Sustainable Healthcare Supply Chain: insights from Veneto region. Proceedings XV Summer School F.Turco 14-18 Settembre 2010. Monopoli (BA),
- 123) BATTINI D, FACCIO M, PERSONA A, SGARBOSSA F (2010) Inspection allocation cost model in modern assembly systems. PROCEEDING 16th ISSAT CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN 5-7 August 2010. Washington, USA. ,
- 124) AZZI A; BATTINI D; FACCIO M.; PERSONA A (2010) Applying Group Assembly In The Industrial Buildings Construction Sector: A Case Study. PROCEEDING OF EUROMA 2010, 17 th EUROPEAN CONFERENCE MANAGING OPERATION IN SERVICE ECONOMIES, Porto 6-10 June 2010. 7-9 June 2010 Porto ,Portugal,
- 125) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2009) Components Management Policies In Assembly To Order Environments. 20th ICPR INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, Shanghai, China. 2.6 August 2009. 2-6 August 2009. Shanghai, China,
- 126) BATTINI D; M. FACCIO; PERSONA A; SGARBOSSA F (2009) Sustainable Spare Parts Logistics. Proceeding of 14th Summer School ING-IND 17 F.Turco, Monopoli, Italia. 15-19 September 2009. 15-19 September 2009. Monopoli, Italia,
- 127) AZZI A; BATTINI D.; PERSONA A; SGARBOSSA F (2009) An entropic model for evaluating impacts of Third-party logistics. PROCEEDING ICPR 2009 2-6 August 2009. Shanghai, China,
- 128) AZZI A; BATTINI D; PERSONA A; SGARBOSSA F. (2009) Approccio innovativo nella progettazione e gestione di AS/RS Multishuttle. Atti XXXVI convegno nazionale ANIMP 11-12 Giugno 2009 ROMA,
- 129) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2009) Healthcare Supply Chain modeling: a conceptual framework. PROCEEDING OF 20th POMS PRODUCTION AND OPERATIONS MANAGEMENT SOCIETY, Orlando, Florida USA. 1-4 May 2009. May 1 - 4, 2009 Orlando, Florida,

- 130) D. BATTINI; M. FACCIO; A. PERSONA; SGARBOSSA F. (2008) A single vendor multiple buyer Consignment Stock inventory model. PROCEEDING OF THE GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE 2008 January, 16-19, 2008 Rio de Janeiro, Brasile,
- 131) BATTINI D; FACCIO M; PERSONA A; SGARBOSSA F. (2008) Reliability of motorcycle components using systemability approach. PROCEEDING OF ISSAT CONFERENCES August 7-9, 2008 ORLANDO, FLORIDA,
- 132) D. BATTINI; M. FACCIO; A. PERSONA; SGARBOSSA F. (2008) Optimal Centralization/Decentralization Degree of Components Inventory and Optimal Feeding System in an Assembly System. PROCEEDINGS OF GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE January, 16-19, 2008 Rio de Janeiro, Brasile,
- 133) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2007) Reliability in a random environment: sistemability and its application. PROCEEDING 12 TH ISSAT CONFERENCE ON RELIABILITY and QUALITY in DESIGN, Seattle, 02-04 August 07 2-4 AUGUST 2007 SEATTLE, USA,
- 134) BATTINI D; FACCIO M; PERSONA A; SGARBOSSA F; (2007) THE LOGISTIC GAME. PROCEEDING. 25th International Conference of the System Dynamics Society. Boston, July 29- August 2 2007. July 29 - August 2, 2007 Boston, USA,
- 135) BATTINI D; FACCIO M.; PERSONA A; SGARBOSSA F (2007) Linking Ergonomics Evaluation and Assembly System Design in a New Integrated Procedure. PROCEEDING ICPR 2007. 19th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH, ICPR. JULY 29- AUGUST 03 2007. JULY 29-AUGUST 3 2007 SANTIAGO, CHILE,
- 136) BATTINI D; FACCIO M; PERSONA A.; SGARBOSSA F (2007) Study of Innovative applications of RFID technology: Methodological framework. PROCEEDING OF ICPR 2007. 19th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH JULY 29- AUGUST 03 2007 SANTIAGO - CHILE,
- 137) BATTINI D.; S.ALLESINA; A.PERSONA (2006) Towards a use of network analysis: quantifying the complexity of supply chain networks.. PROCEEDING OF SCMIS 2006 5-7 LUGLIO 2006 TAIWAN,
- 138) BATTINI D.; R.MANZINI; A.PERSONA; A.REGATTIERI (2005) TPM APPROACH AND NEW BUFFER DESIGN PARADIGM IN PLANT LAYOUT. PROCEEDING OF the 11th ISSAT CONFERENCE August 4-6, 2005 St. Louis, Missouri, USA,
- 139) PERSONA A.; BATTINI D.; CATENA M.; MANZINI R.; PARESCHI A. (2005) SAFETY STOCK OPTIMIZATION FOR ATO AND MTO PRODUCTION SYSTEMS. ICPR 2005, 18th INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH 31 JULY- 4 AUGUST 2005 SALERNO, ITALY.

ABSTRACTS IN PROCEEDING

- 140) BATTINI D., PERSONA A., SGARBOSSA F., (2013) Ergo-picking: multi-objective approach to consider ergonomics aspects in picking systems design and management. Proceedings of 26th EURO-INFORMS CONFERENCE July 1-4, 2013 Rome, Italy,
- 141) D. BATTINI; M. FACCIO; A. PERSONA; 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. Proceedings of GLOBAL BUSINESS AND INNOVATION DEVELOPMENT CONFERENCE January, 16-19, 2008 Rio de Janeiro, Brasile,