

# Curriculum Vitae

## INFORMAZIONI PERSONALI

**Nome** MANFREDI  
**Cognome** BRUCCOLERI  
**E-mail** manfredi.bruccoleri@unipa.it

## FORMAZIONE TITOLI

1998: He receives his Master of Science Degree in Management Engineering from the University of Palermo. Master Thesis: "Analysis and Simulation of Fuzzy Queue Networks".

2003: He receives his PhD Degree in "Production Engineering" from the University of Palermo. Doctoral Thesis: "Operations Management and Control of Reconfigurable Manufacturing Systems".

2003-2004: He holds a post-doc grant from the University of Palermo for a research project titled "Economical and operations management models for reconfigurable manufacturing systems".

2005: He is nominated Assistant Professor at the University of Palermo.

2011: He is nominated Associate Professor at the University of Palermo.

2019: He is nominated Full Professor of "Management Engineering" at the University of Palermo.

## ATTIVITA' DIDATTICA

### TEACHING PORTFOLIO (2003-present)

#### Courses Taught

- *Business Process Management*, at the Master of Science Laurea Degree in Management Engineering, University of Palermo;
- *Operations Management*, at the Bachelor Laurea Degree in Management Engineering, University of Palermo;
- *Production System Design and Management*, at the Bachelor Laurea Degree in Management Engineering, University of Palermo;
- *Business economics*, at the Bachelor Laurea Degree in Automation Engineering, University of Palermo;
- *Supply chain management*, at different Master Courses from Italian Universities;
- *Business process reengineering*, at different Master Courses from Italian Universities;
- *The Beer Game*, at different Master Courses from Italian Universities.

## **Master thesis**

Supervised about 50 master theses on the field of Management Engineering. Many of the theses were on industrial cases, other on more theoretical issues.

## **Doctoral Research Supervision**

“Enterprise modeling frameworks for business networking”, Giulia Mineo, University of Palermo.

“Networking strategies for competitive advantage creation: market-based and resource-based perspectives”, Francesca Riccobono, University of Palermo.

"A dynamic capabilities view for exploring the role of digital technologies and knowledge absorption in managing operational failures. Iacopo Rubbio, University of Palermo

## **ASSOCIAZIONI SCIENTIFICHE**

EurOMA (European Operations Management Associatio)

POMS (Production and Operations Management Society)

AiiG (Associazione Italiana di Ingegneria Gestionale)

AITeM (Associazione Italiana di Tecnologia Meccanica)

## **PUBBLICAZIONE**

### **International Journals**

- (1). Turrisi M., Bruccoleri M., Cannella S., Impact of reverse logistics on supply chain performance, *International Journal of Physical Distribution and Logistic Management*, 2013, Vol 43, No 7, 2013.
- (2). Riccobono F., Bruccoleri M., Perrone G., Business agreements objectives and decisions: a field research. *Management Research Review*, 2013, Vol 36, Issue 5, pp. 495 – 527.
- (3). Mazzola E., Bruccoleri M., Perrone G., The effect of Inbound, Outbound and Coupled Innovation on performance, submitted for second review to *The International Journal of Innovation Management*, 2012, Vol. 16, No. 6, December 2012, pp 1-27
- (4). Ciancimino E., Cannella S., Bruccoleri M., Framinan J., On the bullwhip avoidance phase: the synchronized supply chain. *European Journal of Operational Research*, 2012, Vol. 221, Issue 1, pp 49-63.
- (5). Mazzola R., Bruccoleri M., Perrone G., A strategic framework for firm networks in manufacturing industry: an empirical survey. *CIRP Annals - Manufacturing Technology*, 2009, Vol. 58, pp 387-390.

- (6). Bruccoleri M., Reconfigurable control of robotized manufacturing cells, *Robotics and Computer Integrated Manufacturing*, 2006, Vol. 22, pp 94-106.
- (7). Quiescenti M., Bruccoleri M., La Commare U., Noto La Diega S., Perrone G., Business process oriented design of Enterprise Resource Planning (ERP) systems for small and medium enterprises, *International Journal of Production Research*, 2006, Vol. 44, Ns. 18-19, pp 3797-3811.
- (8). Lo Nigro G., Bruccoleri M., Perrone G., Negotiation in Distributed Production Planning Environments, *International Journal of Production Research*, 2006, Vol. 44, N. 18-19, 3743-3758.
- (9). Argoneto P., Bruccoleri M., Lo Nigro G., Perrone G., Noto La Diega S., Sudhof W., High level planning of Reconfigurable Enterprises: a Game Theoretic Approach, *Annals of CIRP 2006*, Vol. 55/1/2006, pp 509-512.
- (10). Bruccoleri M., Pasek Z., Koren Y., Operation Management in Reconfigurable Manufacturing Systems: Reconfiguration for Error Handling, *International Journal of Production Economics*, 2006, Vol. 100, pp 87-100.
- (11). Bruccoleri M., Renna P., Perrone G., Reconfiguration: a key to handle exceptions and performance deteriorations in manufacturing operations, *International Journal of Production Research*, 2005, Vol. 43, N. 19, pp 4125-4145.
- (12). Bruccoleri M., Lo Nigro G., Perrone G., Renna P., Noto La Diega S., Production planning in reconfigurable enterprises and reconfigurable production systems, *Annals of CIRP 2005*, Vol. 54/1/2005, 433-436.
- (13). Bruccoleri M., Amico M., Perrone G., Distributed intelligent control of exceptions in reconfigurable manufacturing systems, *International Journal of Production Research*, 2003, Vol. 41, N. 7, 1393-1412.
- (14). Bruccoleri M., Noto La Diega S., Perrone G., An Object Oriented approach for Flexible Manufacturing Control Systems Analysis and Design using the Unified Modelling Language, *International Journal of Flexible Manufacturing Systems*, 2003, Vol. 15, pp 195-216.
- (15). Bruccoleri M., Lo Nigro G., Federico F., Noto La Diega S., Perrone G., Negotiation mechanisms for capacity allocation in distributed enterprises, *Annals of CIRP 2003*, Vol. 52/1/2003, pp 397-402.

## Books

- (16). Argoneto P., Perrone G., Renna P., Lo Nigro G., Bruccoleri M., Noto La Diega S., Production Planning in Production Networks, Springer ISBN 978-1-84800-057-5, 2008, pp 1- 256.

## Book chapters

- (17). Bruccoleri M., Perrone G., Lanza D., Manufacturing Strategy: Production Problem Analysis for Assessing Focused Flexibility, Chapter 5 in *Design of Flexible Production Systems - Methodologies and Tools*, Ed. Tolio T., Springer, ISBN: 978-3-540-85413-5, 2009, pp. 87-112.
- (18). Bruccoleri M., Capello C., Costa A., Nucci F., Terkaj W., Valente A., Testing, Chapter 10 in *Design of Flexible Production Systems - Methodologies and Tools*, Ed. Tolio T., Springer, ISBN: 978-3-540-85413-5, 2009, pp. 239-294.
- (19). Bruccoleri M., Perrone G., Economical Models for Reconfigurable Manufacturing Systems, Chapter 31 in *Reconfigurable Manufacturing Systems and Transformable Factories*, Ed. Dashchenko A.I., Springer, ISBN 978-3-540-29391-0, 2006, pp 629-641.

- (20). Bruccoleri M., Lo Nigro G., La Commare, U., Negotiation models in manufacturing e-marketplaces Chapter 5 in *Designing and evaluating value added services in manufacturing e-marketplace*, Eds. Perrone, G., Bruccoleri, M., Renna, P., Springer, ISBN 978-1-4020-3151-9, 2005, pp 91-117.
- (21). Bruccoleri M., Lo Nigro G., Noto La Diega S., Renna P., Perrone G., A DSS for strategic planning, Chapter 2 in *Design of Advanced Manufacturing Systems: Models for capacity planning in Advanced Manufacturing Systems*, Eds. Semeraro, Q., and Matta, A., Springer, ISBN 1-4020-2930-6, 2005, pp 37-71.
- (22). Bruccoleri M., Simulation Modeling using Agents for Mass Customization, Chapter 8 in *Mass Customization: A Supply Chain Approach*, Eds. A. Kamrani and C. Chandra, Kluwer Academic Publisher NY, ISBN 0306485052, 2004, 191-210.
- (23). Renna P., Perrone G., Amico M., Bruccoleri M., A New Decision Making Strategy For Distributed Control of Cellular Manufacturing Systems, *Intelligent Engineering Through Artificial Neural Networks*, Eds. C.H.Dagli et al., ASME Press, NY, ISBN 0-7918-0176-4, 2001, Vol. 11, pp 975-980.
- (24). Amico M., Bruccoleri M., Perrone G., Noto La Diega S., Designing an Intelligent Controller for Agent-based Manufacturing through Fuzzy Systems, *Intelligent Engineering Through Artificial Neural Networks*, Eds.: C.H.Dagli et al., ASME Press, NY, ISBN 0-7918-0161-6, 2000, Vol. 10, pp 399-404.

## International Conferences

- (25). Mazzola E., Bruccoleri M., Perrone G., The role of network characteristics on the supply chain of innovation, Proceedings of the 20<sup>th</sup> EurOMA Conference, Dublin (UK), June 10-12, 2013.
- (26). Domínguez R., Cannella S., Bruccoleri M., Framinan J.M., Arborescent Supply Chain Dynamics: the impact of OUT policies, Proceedings of the 20<sup>th</sup> EurOMA Conference, Dublin (UK), June 10-12, 2013.
- (27). Cannella S., Bruccoleri M., Information Exchange Supply Chain under inventory inaccuracy: a simulation study, Proceedings of the 4th Production & Operations Management World Conference, Amsterdam, Netherlands, July 1-5, 2012.
- (28). Mazzola E., Bruccoleri M., Perrone G., Open Innovation practices on firm performance: evidences from biotech industry, Proceedings of the 4th Production & Operations Management World Conference, Amsterdam, Netherlands, July 1-5, 2012.
- (29). Mazzola E., Bruccoleri M., Perrone G., The effect of Inbound, Outbound, and Coupled Innovation on performance, Proceedings of the XXIII ISPIM Conference, Barcelona, Spain, June 17-20, 2012.
- (30). Riccobono F., Harrigan, K., Bruccoleri M., Perrone G., How firm boundaries are drawn, Proceedings of the 17th International Seminar on Production Economics, February 20-24, 2012, Innsbruck, Austria
- (31). Bruccoleri M., Plumeri, R., Riccobono F., Best practice strategies in business process redesign: an experimental study, Proceedings of the 17th International Seminar on Production Economics, February 20-24, 2012, Innsbruck, Austria
- (32). Riccobono F., Bruccoleri M., Perrone G., Networking strategy as a strategic management tool. *Proceedings of the 18<sup>th</sup> EurOMA Conference*, Cambridge (UK), July 3-6, 2011.
- (33). Riccobono F., Bruccoleri M., Perrone G., How firms are using networking decisions to achieve strategic objectives: Building theories from four case studies. *Proceedings of the 22<sup>th</sup> Annual POMS Conference*, Reno (USA),

April 29-May 2, 2011.

- (34). Riccobono F., Bruccoleri M., Perrone G., Networking strategy for competitive advantage. *Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, January 22 – 24, 2011.
- (35). Riccobono F., Bruccoleri M., Perrone G., Networking strategies as enabler for competitive advantage creation: a market-based and a resource-based perspectives, *Proceedings of the 16th International Seminar on Production Economics, March 3-7, 2010, Innsbruck, Austria*
- (36). Riccobono F., Bruccoleri M., Perrone G., Achieving operations performance objectives through networking strategy, *Proceedings of the 17th International Annual EurOMA Conference, 6-9 June 2010, Porto, Portugal*.
- (37). Bruccoleri M., Lo Nigro G., Mazzola E., Perrone G., Strategic alignment of business network forms and single companies' objectives. *Proceedings of the 16th International Annual EurOMA Conference on Implementation - realizing Operations Management knowledge*, 14-17 June 2009, Göteborg, Sweden.
- (38). Bruccoleri M., Perrone, G., Impact of Business Strategy on Production Problem Dynamics", *Proceedings of the 6th CIRP International Conference on Intelligent Computation in Manufacturing Engineering - CIRP ICME '08*, July 23-25 2008, Naples, Italy.
- (39). Bruccoleri M., Lo Nigro G., Mazzola E., Perrone G., Inter-firm relationship design for achieving supply network responsiveness, *Proceedings of the 15th International Annual EurOMA Conference on Tradition and Innovation in Operations Management*, June 15-18, 2008, Groningen, The Netherlands.
- (40). Bruccoleri M., Lanza D., Perrone G., A Production Scenarios Generation Tool for Manufacturing Strategy Characterization, *Proceedings of the 15th EurOMA International Conference on Traditions and Innovations in Managing Operations*, June 15-18, 2008, Groningen, The Netherlands.
- (41). Bruccoleri M., Lo Nigro G., Mazzola E., Perrone G., Business networking strategy: operations management and organizational economics different perspectives, *Proceedings of the 15th International Seminar on Production Economics, March 3-7, 2008, Innsbruck, Austria*, Vol. 1, pp. 83-94.
- (42). Cannella S., Ciancimino E., Bruccoleri M., Noto La Diega S., Crespo Márquez A., An IT-enabled supply chain model: dynamic databases for network decision policy, *Proceedings of the 15th International Working Seminar on Production Economics, March 3-7, 2008, Innsbruck, Austria*, Vol. 2, pp. 105-116.
- (43). Roma P., Bruccoleri M., Lo Nigro G., Perrone G., Shaping collaboration in new product development through negotiation and auctions, *Proceedings of 19th International Conference on Production Research - ICPR-19*, July 30 – August 2, 2007, Val Paraiso, Chile.
- (44). Lo Nigro G., Abbate L., Bruccoleri M., Perrone G., How risk considerations can affect inter-organization relationship decisions, *Proceedings of 19th International Conference on Production Research - ICPR-19*, July 30 – August 2, 2007, Val Paraiso, Chile.
- (45). Bruccoleri M., D'Onofrio C., La Commare U., Off-line Programming and simulation for automatic robot control software generation, *Proceedings of 5th IEEE International Conference in Industrial Informatics (INDIN07)*, July 23-27, 2007, Vienna, Austria.
- (46). Aiello G., Alessi M., Bruccoleri M., D'Onofrio C., Vella G., An Agile methodology for Manufacturing Control Systems development, *Proceedings of 5th IEEE International Conference in Industrial Informatics (INDIN07)*, July 23-27, 2007, Vienna, Austria.

- (48). Bruccoleri M. and Perrone G., "A theoretical pattern for elaborating manufacturing strategy into focused-flexibility" *Proceedings of the 14th EurOMA International Conference on Managing Operations in an Expanding Europe*, June 17-20, 2007, Ankara, Turkey.
- (49). D'Onofrio C., Bruccoleri M., "A user-friendly control system to easy reconfigure a manufacturing cell, *Proceedings of IEEE International Conference on Industrial Technology (ICIT 2006)*, December 15-17, 2006, Mumbai, India, IEEE Catalog Number: 06TH8914C, pp 1642-1647.
- (50). D'Onofrio C., Bruccoleri M., La Commare U., "Integrating manufacturing equipments using a Shop Floor Control System, *Proceedings of 11th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2006)*, September 20-22, 2006, Prague, Czech Republic, IEEE Catalog Number: 06TH8897C, pp 559-566.
- (51). Quiescenti M., Roma P., Bruccoleri M, Perrone G., "A theoretical framework for collaborative engineering in new product development in the automobile industry, *Proceedings of the EurOMA International Conference on Moving up the Value Chain*, 18-21 June 2006, Glasgow, Scotland.
- (52). Bruccoleri M., Perrone G., Cannella S., Crespo Marquez A., "Production networks dynamics: analytical or non-analytical modelling?", *Proceedings of the 14th International Working Seminar on Production Economics*, February 20-24, 2006, Innsbruck, Austria.
- (53). Quiescenti M., Bruccoleri M., La Commare U., Noto La Diega S., Perrone G., "Business process oriented design of ERP systems for small and medium enterprises, *Proceedings of 18th International Conference on Production Research - ICPR-18*, July 31 - August 4, 2005, Salerno, Italy.
- (54). Lo Nigro G., Bruccoleri M., Perrone G., "Negotiation in Distributed Production Planning Environments, *Proceedings of 18th International Conference on Production Research - ICPR-18*, July 31 - August 4, 2005, Salerno, Italy.
- (55). Bruccoleri M., D'Onofrio C., La Commare U., Raimondi F.M., "UML design and AWL programming for reconfigurable control software development of a robotic manipulator, *Proceedings of 10th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005)*, September 19-22, 2005, Catania, Italy.
- (56). Argoneto P., Bruccoleri M., Lo Nigro G., Perrone G., Renna P., Sabato L., "Integrating erp systems in vertical supply chains with negotiation tools, *Proceedings of the 12th EurOMA International Conference on Operations and Global Competitiveness*, June 19-22, 2005, Budapest, Hungary.
- (57). Lo Nigro G., Argoneto P., Bruccoleri M., Perrone G., Renna P., "Horizontal Co-operation in Supply Chain in an E-Market environment, *Proceedings of the 2nd International Manufacturing Leaders Forum on "Global Competitive Manufacturing"*, February 27 – March 2, 2005, Adelaide, Australia.
- (58). Bruccoleri M., "Reconfigurable design of PLC-based control systems, *Proceedings of JUSFA 2004 Japan-USA Symposium on Flexible Automation*, July 19-21, 2004, Denver, Colorado (USA).
- (59). Sabato L., Renna P., Perrone G., Bruccoleri M., La Commare U., "Evaluating the impact of demand and inventory management policies on bullwhip effect in production networks, *Proceedings 9th International Symposium on Manufacturing and Applications (ISOMA)*, Jun 28 - July 1, 2004, Seville (Spain).
- (60). Bruccoleri M., Di Lorenzo R., Perrone G., "Modeling the NPD process in virtual organizations", *Proceedings 9th International Symposium on Manufacturing and Applications (ISOMA)*, Jun 28 - July 1, 2004, Seville (Spain).

- (61). Argoneto P., Renna P., Perrone G., Sabato L., Lo Nigro G., Bruccoleri M., Evaluating multi-lateral negotiation policies in manufacturing e-marketplaces, *Proceedings of the 37th CIRP Int. Seminar on Manufacturing Systems*, May 19-21, 2004, Budapest, Hungary.
- (62). Argoneto P., Perrone G., Renna P., Bruccoleri M., Lo Nigro G., Noto La Diega S., An Agent Based Architecture for added value services in manufacturing neutral e-marketplaces, *Proceedings of the 11th EUROMA Conference*, June 27-29, 2004, Fontainebleau, France, pp 943-952.
- (63). Perrone G., Renna P., Cantamessa M., Guaiiano M., Bruccoleri M., Lo Nigro G., An Agent Based Architecture for production planning and negotiation in catalogue based e-marketplaces, *Proceedings of the 36th CIRP Int. Seminar on Manufacturing Systems*, June 3-5, 2003, Saarbruecken, Germany.
- (64). Bruccoleri M., Pasek Z., Operational Issues in Reconfigurable Manufacturing Systems: Exception Handling, *Proceedings of the 5th biannual World Automation Congress*, June 9-13, 2002, Orlando, Florida (USA).
- (65). Bruccoleri M., Amico M., Perrone G., Pasek Z., A Distributed Control Approach for Error Handling In Reconfigurable Manufacturing System Based On Multi Agent System Technologies, *Proceedings of JUSFA 2002 Japan-USA Symposium on Flexible Automation*, July 15-17, 2002, Hiroshima, Japan.
- (66). Bruccoleri M., Fratini L., Perrone G., Virtual factory: integration of system and process manufacturing levels, *Proceedings of the 1st CIRP International Conference on Digital Enterprise Technology (DET)*, September 16-17, 2002, Durham, England.
- (67). Renna P., Perrone G., Amico M., Bruccoleri M., Noto La Diega S., A performance comparison between market like and efficiency based approaches in Agent Based Manufacturing environment, *Proceedings of the 34th International Seminar for Manufacturing Systems*, May 16-18, 2001, Athens, Greece.
- (68). Amico M., Bruccoleri M., Lo Nigro G., Noto La Diega S., Perrone G., A Set of Optimization Models for making Investment Decisions in Manufacturing Enterprises, *Proceedings of the 1st CIRP International Conference on Agile, Reconfigurable Manufacturing*, May 21-22, 2001, Ann Arbor, Michigan.
- (69). Bruccoleri M., Perrone G., Noto La Diega S., Object Oriented Modelling for Concurrent Engineering, *Proceedings of the 33rd CIRP International Seminar on Manufacturing System*, June 6-8, 2000, Stockholm, Sweden.

## National Conferences

- (70). Mazzola, E., Bruccoleri, M., Perrone, G., Internationalisation level, distribution of decision-making power and alliance formation: evidence from the Italian machine tool industry. *Atti della XXII Conferenza AIIG*, Genova.
- (71). Ribaudò, F., Bruccoleri, M., Perrone, G., Defining collaboration rules in mechatronic Industry. *Atti del IX Convegno A.I.T.E.M.*, Napoli
- (72). Riccobono F., Bruccoleri M., Perrone G., Networking strategies as enabler for competitive advantage creation: market-based and resource-based perspectives. *Atti della XXI Conferenza AIIG*, 7-8 Novembre 2010, L'Aquila.
- (73). Costa A., Bruccoleri M. A hybrid genetic algorithm for supply network design. *Atti del IX Convegno A.I.Te.M.*, 7-9 Settembre 2009, Torino.
- (74). Bruccoleri M., D'Onofrio C., Perrone G., Control system requirements for achieving hardware and operations reconfiguration of a manufacturing cell, *Atti del VIII Convegno A.I.Te.M.*, 10-12 Settembre 2007, Montecatini Terme.

(75). Sabato L., Bruccoleri M., The relationship between Bullwhip Effect and lead times variability in production – distribution networks, *Atti del VII Convegno A.I.Te.M.*, 7-9 Settembre 2005, Lecce.

(76). Lo Nigro G., Bruccoleri M., Noto La Diega S., Perrone G., Approcci Agent-Based per l'allocazione della capacità produttiva nelle Virtual Factories, *Atti della XIII Conferenza AiIG*, 7-8 Novembre 2002, Lecce.

(77). Amico M., Bruccoleri M., Noto La Diega S., Perrone G., Renna P., An Intelligent Controller for Error Handling Decisions in Reconfigurable Manufacturing Systems", *Atti del V Congresso AITEM*, 18-20 Settembre 2001, Bari, Vol. 1, pp 355-364.

(78). Bruccoleri M., Lo Nigro G., Il linguaggio unificato di modellizzazione (UML) per l'analisi del processo di negoziazione"; *Atti del Workshop AiIG 2000 – Tecnologie emergenti ed in sviluppo: modelli di gestione*, San Marino, 7 Luglio 2000.

## ATTIVITA' SCIENTIFICHE

### Participation at International Scientific Conferences

- 1) 20th International Annual EurOMA Conference "Operations Management at the Heart of the Recovery", 9-12 June 2013, Dublin, Ireland.
- 2) XXIII RSA AiIG 2012 - Matera 11-12 ottobre 2012.
- 3) 4th Production and Operations Management World Conference, Amsterdam (NL), July 1-5, 2012
- 4) 17th International Seminar on Production Economics, February 20-24, 2012, Innsbruck, Austria.
- 5) 18th EurOMA Conference, Cambridge (UK), July 3-6, 2011.
- 6) 22th Annual POMS Conference, Reno (USA), April 29-May 2, 2011.
- 7) 16th EurOMA International Conference on Implementation - realizing Operations Management knowledge, 14-17 June 2009, Göteborg, Sweden
- 8) 15th EurOMA International Conference on Traditions and Innovations in Managing Operations, June 15-18, 2008, Groningen, The Netherlands.
- 9) 6th CIRP International Conference on Intelligent Computation in Manufacturing Engineering - CIRP ICME '08, July 23-25 2008, Naples, Italy.
- 10) 15th International Seminar on Production Economics, March 3-7, 2008, Innsbruck, Austria.
- 11) VIII Convegno A.I.Te.M., 10-12 Settembre 2007, Montecatini Terme.
- 12) 14th EurOMA International Conference on Managing Operations in an Expanding Europe, June 17-20, 2007, Ankara, Turkey.



- 13) CIRP 2007 Paris January Meetings, January 23-26, 2006, Paris, France.
- 14) IEEE International Conference on Industrial Technology (ICIT 2006), December 15-17, 2006, Mumbai, India.
- 15) CIRP 2006 Paris January Meetings, January 25-27, 2006, Paris, France.
- 16) VII Convegno A.I.Te.M., 7-9 Settembre 2005, Lecce.
- 17) 12th EurOMA International Conference on Operations and Global Competitiveness, June 19-22, 2005, Budapest, Hungary.
- 18) 2nd International Manufacturing Leaders Forum on "Global Competitive Manufacturing", February 27 – March 2, 2005, Adelaide, Australia.
- 19) 9th International Symposium on Manufacturing and Applications (ISOMA), Jun 28 - July 1, 2004, Seville, Spain.
- 20) 13th International Working Seminar on Production Economics, February 16-20, 2004, Igls/Innsbruck, Austria.
- 21) VI Convegno A.I.Te.M., Settembre 2003, Gaeta.
- 22) 1st CIRP International Conference on Digital Enterprise Technology (DET), September 16-17, 2002, Durham, England.
- 23) 5th biannual World Automation Congress, June 9-13, 2002, Orlando, Florida (USA).
- 24) ANNIE 2001 International Conference on Intelligent Engineering Through Artificial Neural Networks, November 4-7, 2001, Saint Louis, Missouri, USA.
- 25) V Convegno A.I.Te.M., 18-20 Settembre 2001, Bari.
- 26) 1st CIRP International Conference on Agile, Reconfigurable Manufacturing, May 21-22, 2001, Ann Arbor, Michigan, USA.
- 27) ANNIE 2000 International Conference on Intelligent Engineering Through Artificial Neural Networks, November 2000, Saint Louis, Missouri, USA.
- 28) 33rd CIRP International Seminar on Manufacturing System, June 6-8, 2000, Stockholm, Sweden.

## **National and International Conference Organization**

Vice-chair of the EurOMA 2014 Annual Conference, Palermo (ITALY), 20-25 June 2014

Co-chair of the International Conference ISOMA 2004, 9th International Symposium on Manufacturing and Applications within the WAC 2004 (World Automation Conference) in Seville (Spain) June 28<sup>th</sup>- July 1<sup>st</sup> 2004.

Member of the organization committee of the XIX RSA of AiIG, Palermo (Italy), October 23<sup>rd</sup> -24<sup>th</sup> 2008.

## Foreign Experiences and International Collaborations

During his PhD studies (2001) he was visiting student at the *Engineering Research Center for Reconfigurable Manufacturing Systems* (University of Michigan, Ann Arbor, MI, USA) under the tutoring of Prof. Yoram Koren and Prof. Zbigniew Pasek.

He has intense scientific collaborations with the University of Lisboa (Dr Salvatore Cannella) on the topic of Supply Chain Sustainability;

He collaborated in some research project and papers with the *Grupo I+DT Organización Industrial - Departamento De Organización Industrial Y Gestión De Empresas - Escuela Superior De Ingenieros* – University of Seville - with Prof. Adolfo Crespo Marquez and Prof. José Manuel Framinan.

He collaborated with the Institute for Machine Tools and Industrial Management IWB, Technische Universität München (Prof. Michael Zaeh) in a research project on “Innovative Negotiation Models for Production Planning in Reconfigurable Enterprises”.

## Editing and Reviewing of International Journals and Books

### Reviewer of:

*International Journal of Production Research*, Taylor & Francis.

*International Journal of Production Economics*, Elsevier

*European Journal of Operational Research*, Elsevier

*International Journal of Physical Distribution and Logistic Management*, Emerald

*Business Process Management Journal*, Emerald

### Editorial Board Member of:

*International Journal of Collaborative Enterprises*, Inderscience Publishers.

*International Journal of Rapid Manufacturing*, Inderscience Publishers

### Editor of:

Book: “*Designing and evaluating value-added services in manufacturing networks*”, Eds. G. Perrone, M. Bruccoleri, P. Renna, Springer, ISBN 978-1-4020-3151-9, 2005.

Business Economics and Operations and Business Process Management for bachelor and master students. He also teaches Business Process Management as a full professor of Management Engineering at the University of Palermo in Italy, where he teaches Operations and Supply Chain Management at the MSc in BA at the TIAS Business School in the Netherland. He is the Academic Director of BSc and MSc Programs in Management Engineering of the University of Palermo since 2019.

He holds a doctoral degree in Production Engineering and in 2001 he was visiting scholar at the School of Engineering of the University of Michigan (Ann Arbor). He collaborates with companies from different manufacturing and service industries for both teaching and research projects and coordinated several business process reengineering projects in different Italian companies and Public Administration. His research interests focus on healthcare operations management, behavioral operations, supply chain management, business process management, sustainability.