

CURRICULUM VITAE:

Prof. Dotti Stefano was born August 8, 1956 in Bergamo Italy. In 1976 he received high school in textile. In 1982 graduated in Economics at the University of Bergamo.

From 1982 to 2001 he was professor of Textile Technology at Textile School ITIS." Paleocapa" of Bergamo.

Since 2002 Dr. Dotti Stefano has been an Assistant Professor in the Department of Management, Information and Production Engineering at the University of Bergamo.

Teaching activities .

In the period from a/a 1999/2000 to a/a 2018/19 Prof Dotti is the owner of the following courses:

- "Special technologies fibers" in the academic year 1999/2000 in the course of Graduation in Engineering Logistics and production orientation "Textiles"
- "Science and technology of materials" in in the academic years 2000/01, 2001/02 in the course in "Textiles Management "
- "Industrial Technologies" in the academic years 2000/01, 2001/02 in the course in "Textiles Management "
- "Science and technology of materials" in the academic years 2002/03, 2003/04 in the course in "Textiles Management "
- Industrial Technology" in the academic years 2002/03, 2003/04, 2004/05, 2005/06 in the course of Textile Engineering
- "Fibers, yarns and processes" in in the academic years 2003/04, 2004/05, 2005/06 in the course of Textile Engineering
- "Spun fibers" in the in the academic years 2004/05, 2005/06, 2006/07, 2007/08, 2008/09 in the course in "Textiles Management"
- "Industrial technologies textiles. Technical textiles " in the academic years 2006/07 2007/08 2008/09 2009/10 2010/11 2011/12 2012/13 2013/14 2014/15 2015/16 in the course in "Textile Engineering"
- "Spinning natural fibers" in the accademic years 2008/09 2009/10 2010/11 2011/12 in the course of Textile Engineering
- "Design of production systems" in the academic years 2016/17 2017/18/ 2018/19 2019/20 in the course of Management Engineering
- "Technology for the design of fabrics".in the academic years 2017/18 2018/19 in the course of "Fashion, art, design and visual culture"

Participation in committees and bodies of the Faculty and University

Member of the Board of Teaching Degree in Textile Engineering from November 2002 (AA 2002/03) to date.

Member of the Board of the Department of Industrial Engineering from 2002 to 2011.

Member of the Board of the research centre GITT - Centre on Innovation Management and Technology transfer from March 2013 to 2019.

Member of the Board of the Service Center University "Laboratories of Engineering" from February 2015 to November 2016.

Organizational tasks (academic functions)

Since 2002 Responsible of the laboratory of Textile Technology "A.J.Zaninoni" of the Department of Management, Information and production Engineering. As head of the research laboratory he has organized the implementation of educational and scientific research during the course of Textile Engineering.

Director of the Master's degree in "Textile processes and technologies of the textile supply chain" for the last seven editions (2007/08), (2009/10), (2011/12), (2013/14), (2015/16), (2017/18), (2019/20).

Since 2012 has been the European Technology Platform Expert.

Publications since 2008

Scientific papers

- Gaiardelli, P., Resta, B., Dotti, S., (2019). Exploring the role of human factors in lean management International journal of lean six sigma (Vol 10, No. 1, pp. 339-366.)
- Boffelli, A., Orzes, G.,; Dotti, S.,(2018). "How to reshore": some evidence from the apparel industry EEE engineering management review Dicembre
- Resta, B., Dotti, S., Ciarapica, F. E., De Sanctis, I., Fani, V., Bandinelli, R., & Rinaldi, R. (2017). Leveraging environmental sustainability for competitive advantage in the Italian Clothing and Leather sector. International Journal of Fashion Design, Technology and Education, 1-18.
- Resta, B., Dotti, S., Gaiardelli, P., & Boffelli, A. (2017). How Lean Manufacturing Affects the Creation of Sustainable Value: An Integrated Model. International Journal of Automation Technology, 11(4), 542-551.
- Resta, B., Gaiardelli, P., Pinto, R., & Dotti, S. (2016). Enhancing environmental management in the textile sector: An Organisational-Life Cycle Assessment approach. Journal of Cleaner Production, Vol. 135, pp. 620-632.
- Resta, B., Powell, D., Gaiardelli, P., Dotti, S. (2015). Towards a Framework for Lean Operations in Product-oriented Product Service Systems. CIRP Journal of Manufacturing Science and Technology. Vol. 9, pp. 12-22.
- Resta, B., Bandinelli, R., Ciarapica, F.E., Dotti, S., Pinto, R., Rinaldi, R. (2014). Practices for Environmental Sustainability in the Textile, Clothing and Leather Sectors: the Italian Case. International Journal of Operations and Quantitative Management. Vol. 20, No. 3, pp. 193-225.
- Dotti, S., Sandonini, G., "A new kind of microcurrent-generating fabric with therapeutic properties in the treatment of venous insufficiency", 2011 Minerva Ortopedica e Traumatologica, vol. 62, p. 3-10.
- Savoldelli, B., Dotti, S., Rosace, G., " Field monitoring and lab test to control fabric pest" 2008 Boll Zool.Agr. Bachic –Sez 11 40 (3) pag 301-312

Book/Book chapters

- Bonetti, F., Carisconi, E., Dotti, S., (2009). Fibre tessili Casa editrice Tecniche nuove
- Resta, B., Gaiardelli, P., Dotti, S., Luise, D. (2016). Lean after-sales services. In: Netland, T. H. and Powell, D. J. (Eds), The Routledge Companion to Lean Management, Routledge Companions in Business, Management and Accounting, Routledge
- Resta, B., Gaiardelli, P., Cavalieri, S. and Dotti, S., (2016). Designing and configuring the value creation network for servitization, In Lecture Notes in Business Information Processing "Exploring Service Science", Borangiu, T., Dragoicea, M. and Nóvoa, H. (Eds.) Proceedings of the 7th International Conference on Exploring Service Science (IESS 2016), Bucharest, May 25-27, 2016. Vol 247, pp. 457-470. ISBN 978-3-319-32689-4. DOI:10.1007/978-3-319-32689-4_35.
- Resta, B., Dotti, S. (2015). Environmental Impact Assessment (EIA) Methods for Textiles and Clothing. Muthu, S. (Ed.): Handbook of life cycle assessment (LCA) of textiles and clothing, Woodhead Publishing.
- Cavalieri, S., Dotti, S., Legnani, E., Pinto, R., (2010) "The potential of RFID technology in the textile and clothing industry. Opportunities, requirements and challenges (1 ed.). In Ranasinghe, Damith C.; Sheng, Quan Z.; Zeadally, Sherali (Eds.), Unique Radio Innovation for the 21st Century: Building Scalable and Global RFID Networks (pag.309-330). Berlin: Springer

Articles on magazines

- Boffelli, A., Dotti, S.; Gaiardelli, P., Carissimi, G., Resta, B., (2019) Corporate Environmental Management for the Textile Industry: Toward an Empirical typology Sustainability
- Resta, B., Dotti, S. (2017). Life Cycle Assessment of Textile Organisations. Textiles and Garments. Gennaio, pp. 2-7 (ISSN 1310-912X)
- Boffelli, A., Golini, R., Resta, B., Thiella, F., Kalchschmidt, M., Dotti, S. (2016). Il distretto tessile bergamasco: Le risposte alle sfide globali. Sistemi&Impresa, maggio, pp. 65-71
- Boffelli, A., Resta, B., Dotti, S., Gaiardelli, P. (2016). Il tessile italiano e le sfide della sostenibilità ambientale. Logistica Management, aprile, pp. 36-42.
- Boffelli, A., Resta, B., Dotti, S., Gaiardelli, P. (2015). I percorsi di sostenibilità delle aziende tessili italiane. Sistemi Impresa, luglio/agosto, pp. 58-64.
- Dotti, S., Resta, B., Pinto, R., Bandinelli, R., Coppola, G., Rinaldi, R., Ciarapica, F.E. (2014). Pratiche per la sostenibilità ambientale nelle industrie tessili, dell'abbigliamento e del cuoio: il caso italiano (Practices for environmental sustainability in the Italian textile, clothing and leather sector). Sistemi & Impresa, gennaio/febbraio, pp. 47-55.
- Dotti, S., Resta, B., Ghisalberti, M. (2014). La digitalizzazione e la personalizzazione del campionario (Digitalisation and personalisation of the sample case). Technofashion, aprile, pp. 30-32.
- Gaiardelli, P., Resta, B., Dotti, S., Pinto, R. (2014). Le sfide della servitizzazione: una lettura del fenomeno attraverso la mappatura dei servizi (Servitization challenges: understanding the phenomenon through service mapping). Sistemi & Impresa, giugno, pp. 36-42.
- Dotti, S., Resta, B. (2014). Riprogettare la logistica per ottimizzare il processo di stampa digitale (Logistics reengineering for digital printing). Technofashion, ottobre, pp. 40-43.
- Resta, B., Dotti, S. (2014). La sostenibilità come elemento chiave di competitività e innovazione: l'Osservatorio Tessile & Sostenibilità (Sustainability as a key driver of competition and innovation: the Textile&Sustainability Observatory). Technofashion, dicembre, pp. 22-26.
- Resta, B., Dotti, S., and Zanga, G. (2013). Il vero costo del design (The real cost of design). Technofashion, October.
- Resta, B., and Dotti, S. (2013). Crescere con la sostenibilità – Una nuova opportunità per il settore tessile (Growing with sustainability – A new opportunity for the textile sector). Technofashion, September.
- Dotti, S., Resta, B., and Pinto, R. (2013). Tracciare i processi produttivi tessili con la tecnologia RFId (Tracking textile production processes with the RFId technology). LogisticaManagement, April.
- Dotti, S., Resta, B., and Gaiardelli, P. (2013). Migliorare la gestione della produzione con l'MRP (Improving production management with the MRP). Technofashion, April.
- Dotti, S., Resta, B., and Gaiardelli, P. (2013). Migliorare la gestione della produzione con l'MRP (Improving production management with the MRP). DataCollection, May-June.
- Dotti, S., Gaiardelli, P., Resta, B., and Zanga, G. (2012). Un sistema di misura delle performance (A performance measurement system). Logistica Management, June, p. 15-18
- Dotti, S., Riva, C., (2012) Gestione dei processi produttivi tramite schedatore, Dicembre
- Dotti, S., (2012) Le fibre corte nel cotone: impatto sul processo produttivo, Tecnofashion, Settembre
- Dotti, S. (2011) Un'applicazione di Wiki aziendale. Tecnofashion, Maggio

Conference proceedings

- Boffelli, A., Carissimi, G., Dotti, S., Gaiardelli, P., Carrara, F., (2018) Implementing supply chain collaboration practices to support successful circular economy: a best case from textile industry
- Golini, R., Kalchschmidt, M., Resta, B., Dotti, S., Boffelli, A. (2017). Boosting added value: upgrading patterns of ten manufacturers in the textile and clothing industry. Proceedings of Academy of Management's 2017 Annual Meeting, 4-8 August, Atlanta (USA).

- Resta, B., Dotti, S. and Boffelli, A. (2017). Corporate Environmental Management for the Textile Sector: Towards an Empirical Typology. 4th International EurOMA Sustainable Operations and Supply Chains Forum (SOSCF), February 27-28, 2017, Milan (Italy).
- Resta, B., Giudici, V., Cavalieri, S., Deng Solvang, W., Dotti, S., Gaiardelli, P. (2017). Strategic Operations Management in Healthcare: a reference model for Cardiac Rehabilitation. Springer Proceedings in Mathematics & Statistics (Guest Editors: P. Cappanera, J. Li, A. Matta, E. Sahin, N. J. Vandaele, F. Visintin), Third International Conference on Health Care Systems Engineering, May 29-31, 2017, Meyer Children's Hospital, Florence (Italy).
- Resta, B., Gaiardelli, P., Cavalieri, S., Dotti, S. (2016). Designing and configuring the value creation network for servitization. Lecture Notes in Business Information Processing: 7th International Conference on Exploring Services Science, IESS 2016; Bucharest; Romania; 25 - 27 May 2016.
- Resta, B., Dotti, S., Gaiardelli, P., Boffelli, A. (2016). Lean Manufacturing and Sustainability: an integrated view. Proceedings of the APMS 2016 International Conference "Production management initiatives for a sustainable world". 3-7 September 2016, Iguassu Falls, Brazil.
- Ciarapica, F. E., De Sanctis, I., Resta, B., Dotti, S., Gaiardelli, P., Bandinelli, R., Fani, V., Rinaldi, R. (2016). Integrating sustainability in the fashion system using association rules. Proceedings of the IT4Fashion Scientific Conference "Information Technology serving the Fashion Industry". 20th-22nd April 1026, Florence, Italy.
- Ciarapica, F. E., Resta, B., Dotti, S., Fani, V., Bandinelli, R., Rinaldi, R. (2016). Firm's characteristics and sustainability in the TCL industry. Proceedings of the XXI Summer School "Francesco Turco" – "Smart manufacturing: new paradigms for a smarter world", 13th-15th September 2016, Naples, Italy.
- Fani, V., Bandinelli, R., Rinaldi, R., Resta, B., Dotti, S. (2015). Practices for environmental sustainability in the Italian fashion clothing and leather sectors: preliminary results of an empirical research. In: Wang, Y., Yu, T., Strandhagen, J.O., Wang, K. (Eds.), Advanced Manufacturing and Automation V - Proceedings of the 5th International Workshop of Advanced Manufacturing and Automation (IWAMA 2015), 22 - 23 October 2015, Shanghai, China.
- Dotti, S., Resta, B., Sepati, G., Pavan, C. (2015). Reclaiming Value From Ultra High Molecular Weight Polyethylene Waste Fibres. Proceedings of the 15th Autex World Textile Conference. 10-12 June, Bucharest (Romania).
- Golini, R., Resta, B., Kalchschmidt, M., Dotti, S. (2015). Upgrading and supply chain management: a study in the textile and clothing sector. Proceedings of the 22nd EurOMA Conference "Operations Management for Sustainable Competitiveness", 26th June- 1st July 2015, Neuchâtel, Switzerland.
- Fani, V., Bandinelli, R., Resta, B., Dotti, S., Rinaldi, R. (2015). Practices for Environmental Sustainability In The Italian Fashion Clothing and Leather Sectors: Outcomes Of An Empirical Research. Proceedings of the 2015 Global Fashion Management Conference (GFMC), 25th -28th June 2015, Florence, Italy.
- Golini, R., Resta, B., Dotti, S., Kalchschmidt, M. (2015). Local responses to global market pressures in the textile and apparel industry: evidence from six Northern Italian companies. Proceedings of the the 27th Annual Meeting of the Society for the Advancement of Socio-Economics, 2-4 July 2015, London, UK.
- Resta, B., Dotti, S., Boffelli, A., Gaiardelli, P. (2015). Environmental Management Practices for the Textile Sector. Proceedings of the APMS 2015 International Conference "Innovative Production Management towards sustainable growth: Service, Manufacturing and Resilient-value chain". 5-9 September 2015, Tokyo, Japan.
- Resta, B., Gaiardelli, P., Dotti, S., Pinto, R. (2015). The effect of the human factor in Lean Management. Proceedings of the APMS 2015 International Conference "Innovative Production Management towards sustainable growth: Service, Manufacturing and Resilient-value chain". 5-9 September 2015, Tokyo, Japan.
- Ciarapica, F.E., DeSanctis, I., Fani, V., Resta, B., Bandinelli, R., Dotti, S., Gaiardelli, P., Rinaldi, R. (2015). Practices for environmental sustainability in the Italian Textile Clothing

and Leather sector: preliminary results. Proceedings of the XX Summer School "Francesco Turco".

- Resta, B., Dotti, S., Pinto, R., Gaiardelli, P. (2014). Putting environmental sustainability into practice: a decision-making process for the textile sector. Proceedings of the 14th AUTEX World Textile Conference, May 26th to 28th 2014, Bursa, Turkey.
- Romero, D., Cavalieri, S., Resta, B. (2014). Green Virtual Enterprise Broker: Enabling Build-to-Order Supply Chains for Sustainable Customer-Driven Small Series Production. In: Advances in Production Management Systems. Innovative and Knowledge-Based Production Management in a Global-Local World, IFIP WG 5.7 International Conference, APMS 2014, Ajaccio, France, September 20-24, 2014, Proceedings, Part II. Series: IFIP Advances in Information and Communication Technology, Vol. 439, pp 431-441. IFIP International Federation for Information Processing.
- Coppola, G., Bandinelli, R., Ciarapica, F.E., Dotti, S., Pinto, R., Resta, B., Rinaldi, R. (2014). Building sustainable supply chains in the Textile, Clothing and Leather Sectors. Proceedings of the XIX Summer School "Francesco Turco" – The role of industrial engineering in a global sustainable economy, Senigallia, Italy, 9-12 September.
- Dotti, S., Resta, B., Pinto, R., Bandinelli, R., Rinaldi, R., Ciarapica, F.E. (2013). Practices for environmental sustainability in the fashion supply chain. Proceedings of the XVIII Summer School "Francesco Turco" – The role of industrial engineering in a global sustainable economy, Senigallia, Italy, 11-13 September.
- Resta, B., Dotti, S., Pinto, R., and Gaiardelli, P. (2013). A Decision Making Process for Sustainability in the Textile Sector. APMS 2013 - Penn Stater Conference Center, State College, Pennsylvania, USA, 9-12 September 2013.
- Dotti, S., Gaiardelli, P., Pinto, R., and Resta, B. (2013). ICT functionalities in the servitization of manufacturing. IFAC MIM '2013 Conference, Saint Petersburg, 19-21 June 2013.
- Dotti, S., Zanga, G., Gaiardelli, P. and Resta, B. (2012). A performance measurement system for the textile and clothing industry: the Performance Box. Annals of the University of Oradea - Fascicle of textiles, Leatherwork. International Scientific Conference "Innovative solutions for sustainable development of textiles and leather industry", Oradea (România), 1-2 June 2012.

Patents

- Dotti, S., Mangiarotti, R., (2008) Corsore per chiusura lampo comprendente un dispositivo elettronico anti contraffazione posto all'interno del corsore e/o della relativa Aletta
- Cornacchia, G., Caretto, F., Matera, D.A., Galvagno, S., Portofino, S., Dotti, S., Sepati, G. (2012) "Method for the manufacturing of yarns from recycled carbon fibers." Patent No. RM2011A000520