

Giuliano Almeida Marodin

Operations and Supply Chain Center
Management Science Department
Darla Moore School of Business
University of South Carolina

1014 Greene Street, Office 405L, Columbia, SC 29205

Email: gmarodin@moore.sc.edu; gamarodin@gmail.com Phone: (+1) 614 620-7201

Academic Employment

Management Science Department, University of South Carolina, Columbia, South Carolina	
Aug 2015 – Present	Clinical Assistant Professor
	Fellow of the Operations and Supply Chain Center
Department of Management Sciences, The Ohio State University, Columbus, Ohio	
Aug 2014 - July 2015	Visiting Professor
	Fellow of the Center for Operational Excellence
Department of Industrial Engineering, Federal University of Rio Grande do Sul, Porto Alegre, Brazil	
April 2013 - July 2014	Post-Doctoral Researcher
Aug 2013 - July 2014	Adjunct Professor
Department of Industrial Engineering, UNIVATES, Lajeado, Brazil	
Aug 2009– Dec 2009	Adjunct Professor
Business School, Federal University of Rio Grande do Sul, Porto Alegre, Brazil	
March 2007 – Dec 2008	Adjunct Professor

Education

Ph.D. (Industrial Engineering), Federal University of Rio Grande do Sul, March 2013.	
Major Area:	Production Systems
Dissertation title:	Assessing risks in lean production implementation processes
Advisor:	Tarcísio Abreu Saurin
Academic Honors:	<ul style="list-style-type: none">Graduate student fellowship from Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES)Doctoral student exchange program fellowship to be a visiting scholar at the Fisher College of Business, The Ohio State University, from May to September of 2012, Cnpq.2013 Emerging Economies Doctoral Student Award, Production and Operations Management Society (POMS)
Master (Industrial Engineering), Federal University of Rio Grande do Sul, March 2008.	
Major Area:	Production Systems
Dissertation title:	Guidelines for assessing lean production in manufacturing cells
Advisor:	Tarcísio Abreu Saurin
Academic Honors:	<ul style="list-style-type: none">Graduate student fellowship from Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES)
B.S. (Business Administration), Federal University of Rio Grande do Sul, August 2005	
Major Area:	Production and Systems
Academic Honors:	<ul style="list-style-type: none">Exchange student for a year (non-degree seeking) at the École Supérieure des Affaires, Université Pierre Mendès, Grenoble, France

Publications

Refereed papers

1. Marodin, G. A., Frank, A., Tortorella, G.L., & Fettermann, D. C. (2019). "Lean production and operational performance in the Brazilian automotive supply chain", Total Quality Management & Business Excellence, v. 30, n. 3-4, pp. 370-385.
2. Marodin, G.A., Frank, A., Tortorella, G.L., & Netland, T. (2018). "Lean Product Development and Lean Production: Testing Moderation Effects", International Journal of Production Economics, v. 203, pp. 301-310.
3. Tortorella, G.L., Fettermann, D.C., Frank, A. Marodin, G.A. (2018). "Lean manufacturing implementation: leadership styles and contextual variables", International Journal of Operations and Production Management, v. 38, n. 5, pp. 1205-1227.
4. Calegari, L. P., Barbosa, J., Marodin, G. A., & Fettermann, D. C. (2018). A conjoint analysis to consumer choice in Brazil: Defining device attributes for recognizing customized foods characteristics. Food Research International, v. 109, pp. 1-13.
5. Marodin, G. A., Saurin, T. A., Tortorella, G.L., & Fettermann, D. C. (2018). "Model of risk interactions hindering lean production implementation", Gestão & Produção, v. 25, n. 4, pp. 696-712.
6. Enrique, D.V., Ayala, N.F., Ferreira Lima, M. J. R., Marodin, G.A., Gzara, L., Frank, A.G. (2018). "The use of ICT tools to support collaborative product development activities: evidences from Brazilian emerging industry", Production, Vol 28, pp. 1-13.
7. Tortorella, G. L., Miorando, R. Marodin, G. A. (2017). "Lean Supply Chain Management: empirical research on practices, contexts and performance." International Journal of Production Economics, v. 193, pp. 98-112.
8. Marodin, G.A., Frank, A., Tortorella, G.L., & Godinho Filho, M. (2017). "The moderating effect of Lean Supply Chain Management on the impact of Lean shop floor practices on Quality and Inventory Turnover," Supply Chain Management: An International Journal, v.22, No.6, p. 473-485.
9. Seidel, A., Saurin, T.A., Ribeiro, J. D., Marodin, G.A. (2017). Lean Leadership Competencies: A multi-method study. Management Decision, v. 55, No. 10, pp 2163-2180.
10. Anzanello, M., Mazzillo, C., Tortorella, G. L., Marodin, G. A. (2017) "Variable selection framework for allocating products to recommended replenishment models in VMI applications", Journal of Advances in Management Research, v.14, n. 2, 128-142.
11. Negrao, L., Godinho Filho, M., Marodin, G.A. (2017). "Lean practices and their effect on performance: literature review." Production Planning & Control, v. 28, n. 1, p. 33-56.
12. Tortorella, G.L. Fogliatto, F.S., Anzanello, M., Marodin, G.A., Garcia, M., Esteves, R.R. (2017) "Making the value flow: application of value stream mapping in a Brazilian public healthcare organization". Total Quality Management & Business Excellence, v. 28, n. 13-14, p. 1544-1558.
13. Tortorella, G.L., Marodin, G.A., Fettermann, D.C., Fogliatto, F.S. (2016). "Relationships between Lean Product Development enablers and problems". International Journal of Production Research, v. 54, n. 10, p. 2837-2855.
14. Marodin, G.A., Tortorella, G.L., Frank, A., & Saurin, T.A. (2016) "Contextual factors and Lean Production implementation in the Brazilian automotive supply chain". Supply Chain Management: an International Journal, v. 21, p. 417-432, 2016
15. Enrique, D. V., Bertoni, V. B., Paslauski, C. A., Marodin, G.A., Frank, A.G. (2016). "Study of the joint implementation of Information Technologies and Lean Practices." Journal of Lean Systems, v. 2, n. 3., p. 119-134.
16. Marodin, G.A., Saurin, T.A., Tortorella, G.L. & Denicol, J. (2015) "How context factors influence Lean production practices in manufacturing cells?". International Journal of Advanced Manufacturing Technology, 79 (5), 1389-1399.
17. Marodin, G.A., & Saurin, T. A. (2015). "Identificação, classificação e priorização de riscos na implantação da produção enxuta". Production Journal, v. 25, n. 4, p. 911-925.
18. Marodin, G.A., & Saurin, T. A. (2015). "Managing barriers to lean production implementation: context matters". International Journal of Production Research, 53(13), 3947-3962.
19. Tortorella, G. L., Marodin, G. A., Fogliatto, F. S., & Miorando, R. (2015). "Learning organisation and human resources management practices: an exploratory research in medium-sized enterprises undergoing a lean implementation". International Journal of Production Research, 53(13), 3989-4000.

20. Marodin, G. A., & Saurin, T. A. (2015). "Classification and relationships between risks that affect lean production implementation: a study in Southern Brazil". Journal of Manufacturing Technology Management, 26(1), 57-79.
21. Tortorella, G. L., Marodin, G. A., Miorando, R., & Seidel, A. (2015). "The impact of contextual variables on learning organization in firms that are implementing lean: a study in Southern Brazil". International Journal of Advanced Manufacturing Technology, 78(9-12), 1879-1892.
22. Flessas, M.; Rizzardi, V.; Tortorella, G.; Fettermann, D.; Marodin, G.A. (2015) "Layout performance indicators and systematic planning: a case study in a southern Brazilian restaurant". British Food Journal, 117(8).
23. Fettermann, D.C.; Echeveste, M.; Tortorella, G., & Marodin, G (2015). Benefícios e os fatores de sucesso na cooperação com o fornecedor durante o processo de desenvolvimento de produto. Espacios (Caracas), v. 36, p. 17, 2015.
24. Escobar, L., Rodrigues, C., Tortorella, G., Denicol, J. & Marodin, G.A. (2014). "Índice de satisfação geral (ISG) aplicado a pesquisa de clima organizacional: uma nova abordagem voltada a instituições bancárias". Espacios (Caracas), 35(12).
25. Flessas, M., Rizzardi, V. M., Tortorella, G., Denicol, J., & Marodin, G.A. (2014) "Planejamento sistemático de layout aplicado à cozinha industrial de um restaurante temático". Revista Produção em Foco, 4(2), 449-480.
26. Fettermann, D., Marodin, G.A., Martins, V.L.M., Pereira, J.P.C.N. (2014). "Avaliação comercial da utilização do toolkit para customização online de automóveis". Revista Produção em Foco, 4(2), 367-387.
27. Fettermann, D., Guerra, K., Mano, Marodin, G. A (2014). method for fraud detection in water supply system. Interciencia (0378-1844), 40 (2), p. 114.
28. Marodin, G. A., Saurin, T. A. & Fettermann, D.C. (2014) "Uma sistemática para a avaliação de riscos na implantação de produção enxuta". Revista Produção Online, v. 14, p. 364-401.
29. Tortorella, G. L., Fogliatto, F. S., Marodin, G. A., Vieira, J.F.F., Denicol, J. (2014) "Dimensões do aprendizado organizacional: variáveis contextuais em empresas em implementação enxuta". Revista Produção Online, v. 14.
30. Marodin, G. A., & Saurin, T. A. (2013). "Implementing lean production systems: research areas and opportunities for future studies". International Journal of Production Research, 51(22), 6663-6680.
31. Marodin, G. A., & Saurin, T. A. (2013). "A influência das práticas de produção enxuta nos atributos qualificadores das células de manufatura". Revista Produção Online, v. 13, p. 1252.
32. Marodin, G. A., Eckert, C.P., & Saurin, T. A., G. (2012). "Avançando na implantação da logística interna lean". Revista Produção Online, v. 12, p. 455, 2012.
33. Saurin, T.A., Marodin, G. A., & Ribeiro, J. L. D. (2011). "A framework for assessing the use of lean production practices in manufacturing cells". International Journal of Production Research, 49(11), 3211-3230.
34. Saurin, T.A., Ribeiro, J. L. D., & Marodin, G. A. (2010). "Identificação de oportunidades de pesquisa a partir de um levantamento da implantação da produção enxuta em empresas do Brasil e do exterior". Gestão & Produção, v. 17, p. 829-841.
35. Marodin, G. A., & Saurin, T. A. (2007). Modelo de avaliação de arranjos físicos sob a ótica da manufatura celular. Revista Gestão Industrial, v. 3, p. 66-86.

Special Issue Editorials

1. Marodin, G., Tortorella, G.L., Saurin, T.A. Guest Editorial at the Special Issue of the "IV Conference of Lean Systems" at the Produto & Produção journal, December, 2014.

Books and Book Chapters

1. Marodin, G., Saurin, T.A., Tortorella, G.L. (2015) Gestão de riscos em processos de implantação de produção enxuta. Novas Edições Acadêmicas, ISBN: 978-3-639-83965-
2. Tortorella, G. L., Fetterman, D.C., Fogliatto, F., Marodin, G. A. (2015) "Lean Product Development (LPD) enablers for product development process improvement", 31-57, In: Davin, P. Research Advances in Industrial Engineering", Springer.

3. Tortorella, G. L., Marodin, G. A. (2015). "Dimensions of learning organization and contextual factors: an exploratory study in companies undergoing a lean implementation". In: Lewis, H. "Organizational Learning: Individual Differences, Technologies and Impact of Teaching", Nova Science Publishers: NY, USA.

Research

Papers under review

1. Seidel, A., Saurin, T.A., Tortorella, G., & Marodin, G.A. "Leadership in Lean Production Systems: a Literature Review", submitted to Production Planning and Control on November 2018.
2. Marodin, G.A., Jabbour, C.J.C, Godinho Filho, M., and Tortorella, G. "Lean Production, Information and Communication Technologies and Operational Performance", submitted to International Journal of Production Economics, on July, 2018.
3. Henrique, D. B., Godinho Filho, & M., Marodin. G.A., "A framework to assess sustainability of continuous improvement in Lean Healthcare", submitted to International Journal of Production Economics, on January 2019.

Research in Progress

1. Marodin, G.A. "Performance feedback, worker's motivation and engagement: the impact of information type". Target to submitted to International Journal of Production Economics, on September, 2018.
2. Fettermann, D.C., Tortorella, G.L, Marodin, G.A., & Miorando, R. "Product variety and sales: a study in the Brazilian automotive industry". Target to submitted to International Journal of Production Economics, on August, 2018.

Conference presentations

1. Marodin, G.A., Frank, A., & Tortorella, G. L. "Lean Production, Information and Communication Technologies and Operational Performance", Production and Operations Management Society Annual Meeting - POMS, Houston, 2018.
2. Marodin, G.A., Tortorella, G.L., Frank, A., & Godinho Filho, M. "The Impact of Lean Supply Chain Management on Quality and Inventory". Decision Science Institute Annual Meeting (DSI), Washington, November 2017.
3. Marodin, G.A, Frank, A., Tortorella, G. & Fettermann, D. "The Impact of Lean Product Development and Lean Shop Floor Practices on Quality and Inventory". Production and Operations Management Society Annual Meeting - POMS, Orlando, 2016.
4. Seidel, A.; Saurin, T. A. & Marodin, G. "Lean Leadership, Lean Shop Floor Practices, and Operational Performance." Production and Operations Management Society Annual Meeting - POMS, Orlando, 2016.
5. Marodin, G.A., Rungtusanatham, M., Ward, P. & Wilk, S. "Beliefs and assumptions embedded in lean: a multi-method study". POMS Annual Meeting, May, Washington, 2015.
6. Marodin, G. A., & Saurin, T.A. Barriers to Lean Production Implementation: Validating a Framework through a Case Study. Decision Science Institute Annual Meeting (DSI), Tampa, November 2014.
7. Marodin, G. A., Tortorella, G., Saurin, T. A. & Seidel, A. "Factors that affect Lean Production practices implementation in manufacturing cells". Decision Science Institute Annual Meeting (DSI), Tampa, November 2014.
8. Marodin, G. A., & Saurin, T. A. "Towards a model to understand risk factors that affect the lean production implementation". Production and Operations Management Society (POMS) Annual Meeting, Denver CO, May 2013.
9. Marodin, G., & Fensterseifer, J. "Using manufacturing strategy to develop focused factories: a case study". International Conference of the Production and Operation Management Society (POMS), Rio de Janeiro. 2007.
10. Marodin, G., & Saurin, T.A. "A model for assessing layouts from a cellular manufacturing perspective: results of two case studies". International Conference of the Production and Operation Management Society (POMS), Rio de Janeiro. 2007.

Industry Presentation

- Speaker at the “4th Annual - Supply Chain Continuous Improvement Conference, organized by Syracuse University & University of South Carolina & APICS, Syracuse, New York, March, 2017.
- Speaker at the “Leading Through Excellence: COE Summit 2015”, organized by the Centre for Operational Excellence, Fisher College of Business, The Ohio State University, US, April 2015.
- Speaker at the “2nd South Brazilian Forum of Lean Manufacturing”, organized by the SindiMetal, Brazil, 2013.
- Speaker at the “Continuous Improvement Week”, organized by AGCO Brasil, Brazil, 2011.
- Lean Summit 2010”, organized by Lean Institute Brasil, August, 2010.
- Speaker at the “Continuous Improvement Week”, organized by AGCO Brasil, Brazil, 2010.
- Speaker at the “Committee of Entrepreneurship” of the American Chamber of Commerce (AMCHAM), Porto Alegre, Brazil, 2008.

Professional Experience

Lean Institute Brasil – Lean Global Network, Porto Alegre, Brazil	
March 2008 – Aug 2014	<i>Consultant</i>
Lead training, workshops and guided lean implementation in several national and global companies (e.g. Philip Morris, Parker Hannifin, Stihl, Dana, Whirlpool, John Deere, Legrand). Also was responsible for creating, presenting and negotiating business proposals and contracts.	
Kybernetics Consultoria, Porto Alegre, Brazil	
Aug 2005 – Dec 2014	<i>Co-owner and Project Manager</i>
Managed projects and implemented tools and techniques to improve operational performance, especially those related to lean management systems in several national and global companies (e.g. Fluid Management, Yara International, British American Tabaco, GKN Driveline).	
Hypertac France Ltd, Rouen, France	
May 2004 – Sept 2004	<i>Purchasing Intern</i>
Worked as a buyers of products from French and international suppliers (US, Italy, England, Germany, etc.) and helped to improve and standardize logistics and purchase processes.	

Service

Student Advising

AT Moore School of Business, University of South Carolina

- Mentoring student teams every semester on Operations and Supply Chain Capstone Consulting Projects with OSC Centre partner companies, such as Avaya, BMW, Atrium HealthCare, Coca-Cola Consolidated, Cummins, Electrolux, Sonoco and Textron (2015 – present)
- Chair of a Search Committee for a Global Supply Chain and Operations Management Full-time Lecturer Position (2017)
- Thesis Director for the Honors Thesis of Lyndsey Wilson entitled “Evaluating replenishment systems in make-to-order firms”, Spring 2018
- Thesis Director for the Honors Thesis of Christopher Messer entitled “Phi Sigma Kappa Process Improvement Thesis”, Spring 2016
- Faculty Advisor of the Phi Sigma Kappa fraternity (student organization) (2015 – 2018)
- Member of a Search Committee for an Information Technology Clinical Professor position (2016)
- Member of a Search Committee for an Information Technology Full-Time Instructor position (2016)

AT Department of Industrial Engineering, Federal University of Rio Grande do Sul, Brazil

- Member of a PhD Committee of Marlon Soliman, Dissertation entitled “The impact of Lean Production Systems at the Complexity of Production Systems”, 2016.
- Member of 4 Masters’ Thesis Committees
- Member of 11 Undergraduate Thesis Committees

Service to the Profession

- Member of the Editorial Board of the “VI Conference of Lean Systems”, held at Pontificia Universidade Católica of Parana, Curitiba, Brazil, June 2016.
- Member of the Consulting Committee for “Gestão e Produção” journal (2016 – present).
- Session Chair on “Manufacturing Empirical Research” at Production and Operation Management Society (POMS) Annual Meeting, Washington, 2015.
- Session Chair on “Implementing Lean Practices and Tools in Manufacturing and Non-Manufacturing Settings” at the Decision Science Institute Annual Conference, Tampa, 2014
- Program Manager and Proceedings Editor for the “IV Conference of Lean Systems”, held at the Federal University of Rio Grande do Sul, Porto Alegre, Brazil, May 2014.
- Reviewer for International Journal of Operations and Production Management (2018 – present)
- Reviewer for Total Quality Management and Business Excellence (2017 – present)
- Reviewer for Production and Operations Management (2016 – present)
- Reviewer for International Journal of Production Economics (2013 – present)
- Reviewer for Journal of Manufacturing Technology Management (2015 – present)
- Reviewer for Gestão & Produção (2013 – present)
- Reviewer for Journal of Modelling in Management (2012 – present)
- Reviewer for Production journal (2012 – present)
- Reviewer for a conference: Academy of Management Annual Meeting (2012)
- Reviewer for International Journal of Production Research (2011 – present)
- Session Chair of “Global Applications for JIT, TQM and TOC”, International Conference of the Production and Operation Management Society (POMS), Rio de Janeiro, 2007.