**Paper Title**

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**Paper Title**

* 18 font with bold and center justification
* All titles should be in standard mixed case, where the first letter of each word is capitalized and followed by lower case letters, as noted below:

**Lean Manufacturing, Operations Management and Six Sigma Applications**

**Authors and Affiliations**

* Author name – 12 font with bold and center justification
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**Abstract (12 font)**

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## Page Layout

* 8 1/2" X 11" paper
* All margins: 1.00"
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* Times New Roman font
* Maximum 500 words for abstract only submission
* Conference name as a header and copyright information as footer must be used. Copyright information implies that IEOM Society International has right to publication the paper

## Acknowledgements

Add acknowledgement if need

# Biography / Biographies (for single author – biography and multiple authors- biographies) – 12 font bold

* Include bio of each author at the end of the abstract, 10 font
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**Dr. Shahram Taj** joined Florida Polytechnic University in August 2016 as a professor of logistics and supply chain management. He served as the academic program coordinator of science and technology management and the academic program coordinator of graduate programs in 2017. Since January 2018, he has served as the chair of the department of data science and business analytics. Taj has extensive tenure in academia. He was professor and chair of the Department of Management and Marketing at Lawrence Technological University in Michigan from2013 to 2016. He served as The Cameron Endowed Chair of Management and Marketing at the University of St. Thomas in Houston from 2008 to 2013. Taj previously taught for more than 20 years at the University of Detroit Mercy. Taj has conducted more than 100 projects at Ford, Visteon, New Venture Gear (formerly joint venture of GM and DaimlerChrysler), GM-Holden, Baker Hughes, and Schlumberger in the United States, Germany, Australia, and Japan. The projects have covered productivity improvements, implementing lean manufacturing, and optimizing process design. In 1999, he earned the Franz Edelman Finalist Award for Achievement in Operations Research/Management Science for projects that resulted in $15.5 million capital savings and a profit increase of more than $2 billion for Ford Motor Company. Taj has served as thesis advisor/reader of more than 100 graduate students at the University of Detroit Mercy, including a doctoral thesis committee at MIT. He served as the track chair of the “Lean Manufacturing, Manufacturing Information Management, Supply Chain, and Product Development” for the SAE International in Ireland, Spain, and France. He has published 68 refereed articles in journals and proceedings of many international conferences. Recently, he published several articles on the adaptation of lean production in China, and most recently in areas of sustainability and business model innovation.

**Ahmad K. Elshennawy**, Ph.D. is Professor and Executive Director of The UCF Quality Institute in the Department of Industrial Engineering and Management Systems at the University of Central Florida (UCF). Prior to joining UCF, he served as a Guest Researcher with the Precision Engineering Division of the National Institute of Standards and Technology (NIST) in Gaithersburg, Maryland for two years. Dr. Elshennawy combines over 30 years of international experience with exemplary academic record in the areas of quality management and strategic improvement, as a researcher, academician and a consultant in the United States and different parts of the world. He is the co-author of the Certified Quality Engineer Handbook (1st and 2nd Editions), the Certified Quality Technician Handbook, and the Certified Quality Inspector Handbook (ASQ publications) and Manufacturing Processes and Materials (SME publication). Elshennawy received a BS and MS degrees in Production Engineering from Alexandria University and M.Eng. & Ph.D. degrees in Industrial Engineering from Penn State University. His teaching and research areas of expertise include Quality and Reliability Engineering, Quality Systems and Management, Six Sigma Quality/Lean Six Sigma, Statistical Process Control, Lean Service, and Business and process Performance Improvement and Management. Elshennawy is a Fellow of the American Society for Quality (ASQ), Senior Member of the Institute of Industrial Engineers (IIE), and the Society of Manufacturing Engineers (SME). He is an ASQ Certified Quality Engineer (CQE) and a Certified Reliability Engineer (CRE) and is a Certified Lean Six Sigma Master Black Belt. Dr. Elshennawy has served on the Editorial Review Board of Quality Press of the American Society for Quality and currently serves on the Editorial Board of Quality Progress and is a Senior Editor for the Journal of management and Engineering Integration. He is also the Director of Development and Quality Control of the Association for Industry, Engineering, and Management Systems (AIEMS).

**Ahad Ali** is an Associate Professor and Director of Industrial Engineering Program in the A. Leon Linton Department of Mechanical, Robotics and Industrial Engineering at the Lawrence Technological University, Southfield, Michigan, USA. He earned B.S. in Mechanical Engineering from Khulna University of Engineering and Technology, Bangladesh, Masters in Systems and Engineering Management from Nanyang Technological University, Singapore and PhD in Industrial Engineering from University of Wisconsin-Milwaukee. He has published journal and conference papers. Dr Ali has completed research projects with Chrysler, Ford, New Center Stamping, Whelan Co., Progressive Metal Manufacturing Company, Whitlam Label Company, DTE Energy, Delphi Automotive System, GE Medical Systems, Harley-Davidson Motor Company, International Truck and Engine Corporation (ITEC), National/Panasonic Electronics, and Rockwell Automation. His research interests include manufacturing, simulation, optimization, reliability, scheduling, manufacturing, and lean. He is member of IEOM, INFORMS, SME and IEEE.

**Donald M. Reimer** is the managing member of The Small Business Strategy Group, L.L.C and serves as an adjunct professor at Lawrence Technological University**.** Mr. Reimer holds a Bachelor of Science degree in Industrial Management from Lawrence Technological University and a Master of Arts degree in Political Science from University of Detroit/Mercy. He has been recognized as a professional management consultant with over 45 years of experience in working with closely-held businesses. He has taught courses in entrepreneurship, management and corporate entrepreneurship and innovation for engineers. Mr. Reimer served as member of the Minority Economic Development Committee of New Detroit. He has served as a KEEN Fellow for The Kern Family Foundation. He is member of the Lawrence Tech Alumni Board of Directors and has elected a Fellow of the IEOM Society International. Mr. Reimer is a faculty advisor of the Student Chapter of the IEOM Society at Lawrence Tech.