

Annual Conference and Expo 2008

On-site

SCHEDULE

at a glance



How Businesses Take Flight

Applied Solutions Program at – a – Glance – Monday, May, 19

Session Room	Salon 2 Room	Salon 3 Room	President Room	Salon 1 Room	Prospect Room	Oak 1 Room	Chairman Room
Track	From IE to Management - How You Take Flight	Latin America	Aerospace and Defense	Lean	Process Industries	Work Measurement	Construction
9:30 a.m. - 10:45 a.m.	What Does an IE Need to Know About Getting Promoted and Succession Planning Kaz Takeda, Disneyland Resort, Roman Hlutkowsky, Fed Ex, Susan Sinclair, Hershey Foods Corp., James Tompkins, Tompkins Associates, Kathy Kilmer, Walt Disney World Basic level	Administración de la Cadena de Suministros de los Agronegocios Jesus Benjamin Rodriguez-Garcia, Fernando Mata Carrasco, Eustolia Elisa Cobas Flores, Monterrey Tech <i>Basic level</i> Como administrar la Cadena de Suministro para la Competitividad Fernando Mata, Elisa Cobas and Antonio Dieck, EGADE <i>Intermediate level</i>	Proactive Ergonomics Risk Management and the 787 Dreamliner Program Richard Gardner and David Smith, The Boeing Company <i>All levels</i>	Lean Today: Revisionary Viewpoints Emergent from the Global "Leanness Studies" Richard Schonberger, Schonberger & Associates <i>All levels</i>	Applying Lean-Six Sigma to the Process Industry Front Office Joseph Paris, XONITEK Corporation <i>All levels</i>	Financial & Scheduling Optimization Tool in Substation System Integration Reginald Wilson, First Energy Corp <i>Intermediate level</i>	International Linear Collider Construction Cost Modeling Rainer Dronzek, TranSystems <i>Basic level</i>
11 a.m. - 12:15 p.m.	Coaching/Mentoring Panel Discussion - Organized by IIE's Industry Advisory Board Stephen Snelling and Shamshad Alam, The Boeing Company, Doug Rabeneck, Accenture <i>Intermediate level</i>	Tba	Manufacturing Systems Modeling, Analysis & Diagnostics Using VSM Data: A Rigorous Approach Richard Elliott and David Prestin, The Boeing Company <i>Intermediate level</i>	The Psychology of Lean: Leveraging Human Nature to Achieve Operational Excellence Karen Martin, Karen Martin & Associates <i>Intermediate level</i>	Process Industry Strategic Measurement and Management Bob Paladino, Bob Paladino & Associates, LLC <i>Basic level</i>	Spreadsheet Modeling of Best-Practice Shipping Operations William Proctor, Epicenter Development Group, LLC <i>Basic level</i>	Applications of Industrial Engineering in the Mexican Construction Industry Jorge Cossio, ITN - International Technology <i>All levels</i> Using Integrated Construction Process (ICP) Approach to Minimize Project Costs Aloysius Attah, MACVAL Associates, LLC <i>All levels</i>
Track	Engineering & Management Systems	Global	Aerospace and Defense	Lean	Supply Chain Management	Work Measurement	Construction
1:45 p.m. - 3 p.m.	Finding Time for Process Excellence - No Fuel, No Progress Kevin McManus, Great Systems! <i>Basic level</i>	The Global Productivity Scene - Are We Headed the Same Way? John Heap, National Productivity Centre <i>All levels</i>	Cultural Change: Enabling Work on Boeing's 777 Lean Moving Line Gregory Brown, The Boeing Company <i>All levels</i>	Creating the Company Kaizen Program Chris Ortiz, Kaizen Assembly <i>Intermediate level</i>	Just-in-time Logistics Flow James Price, University of Kentucky <i>Intermediate level</i>	Engineered Standards Roundtable Discussion Douglas Rabeneck, Accenture, Dave Hampton, Frito Lay <i>All levels</i>	Decision-Analysis Techniques for Contractor & Project Selection in Transmission Reginald Wilson, First Energy <i>Basic level</i>
3:15 p.m. - 4:30 p.m.	SEMS - Society for Engineering and Management Systems Town Hall Meeting <i>All levels</i>	IE Body of Knowledge Contribution to Sustainable Third World Development John Corliss, Sustainable Global Solutions, LLC <i>Basic level</i>	Just-in-time Aircraft Maintenance, Repair, and Overhaul (MRO) James Price, University of Kentucky <i>Intermediate level</i>	Case Study: Reducing Material Handling to be Lean & Green Arlon-Glenn Costa and Carey Hobbs Lockheed Martin Missiles and Fire Control <i>Basic level</i>	Silent Sabotage: Standard Rates And Planning Rates That Cripple Performance John Oskin and Carol Ptak, Informance International <i>All levels</i>	Measure Behavior-Measure Success Dave Army, Strategic Asset Management <i>Intermediate level</i>	Strategies For Collaborative IE Support to Improve Construction Project Performance Lincoln Forbes, Miami Dade Schools <i>All levels</i> <i>Presentation by the Winner of the "Best Student Paper in Construction" Award</i>
4:45 p.m. - 6 p.m.	Trends in Performance Management and Metrics Robert Batson, University of Alabama <i>Basic level</i>	Engineering a Global Turnaround Scott Sink, The Ohio State University <i>Intermediate level</i>	A Systematic Approach to "Leaning Out" Preventive Maintenance Heather Scott and James Satterberg, The Boeing Company <i>Intermediate level</i> IE Projects: Enabling More Proactive IE Support of Factory Efficiency Thomas Harper and Gregory Brown, The Boeing Company <i>All levels</i>	A Framework For Executing a Lean Transformation Brent Tadsen, Adaptive Business Solutions <i>All levels</i>	Canadian Pacific: Moving from Scheduled Railroad to Lean Railroad Jeremiah Dimberger, France Cormier, Michelle Jacobs and Jennifer Pound, Canadian Pacific <i>All levels</i>	Selection of Work Measurement Technique Based on Industrial Application Rohit Trivedi, Justin Clark and Onur Ulgen, Production Modeling Corporation <i>All levels</i> Unions: Winning Their Heart and Mind with Engineered Labor Standards George Bishop, LxLi, Danielle Woodward, West Monroe Partners <i>All levels</i>	Construction Division Town Hall Meeting

Applied Solutions Program at – a – Glance – Tuesday, May, 20

Session Room	Salon 2 Room	Mackenzie Room	Prospect Room	Salon 1 Room	Salon 3 Room	President Room	Chairman Room
Track	Engineering & Management Systems	Global	Latin America	Lean	Manufacturing	Simulation	From IE to Management - How You Take Flight
9:30 a.m. - 10:20 a.m.	Coaching Practices Utilized by Senior IEs at The Boeing Company Stephen Snelling and Shamshad Alam, The Boeing Company <i>Intermediate level</i>	Corporate Social Responsibility and Global Supply Chain Logistics Victor Deyglio, The Logistics Institute <i>All levels</i>	Optimización de la Asignación del Staff de un Centro de Atención al Cliente Marcelo Zottolo, Production Modeling Corporation <i>Intermediate level</i>	Key Performance Indicators: Relevant Metrics that Sell Results and Drive Ongoing Improvement Karen Martin and Mike Osterling, Karen Martin & Associates <i>Intermediate level</i>	Factory Physics Organizational Changes: A Fast Cycle Time Story Timothy Skowronski and Joan Tafoya, Intel Corp. <i>All levels</i>	Investigating Productivity and Efficiency Through Simulation Technology and Application Kambiz Farahmand, North Dakota State University <i>All levels</i>	How to Succeed in Your Career as an Industrial Engineer - What They Don't Teach You in School Douglas R. Kroeger, Gerber Products Company <i>Basic level</i>
10:30 a.m. - 11:20 a.m.	TWI - A Prerequisite to Increased Productivity and Profits. Donald Dinero, Round Pond Consulting Services <i>Basic level</i>	Scalability of the Global Supply Chain Bruce Tompkins, Tompkins Associates <i>All levels</i>	Efecto de las Relaciones Ganar-Dentro de la Cadena de Suministro Fernando Mata, Fernando Monzón and Marijose Sanchez, Tecnológico de Monterrey <i>Basic level</i>	Key Performance Indicators: Relevant Metrics that Sell Results and Drive Ongoing Improvement Karen Martin, Karen Martin & Associates <i>Intermediate level</i>	Innovation: It's More Than Just a Buzz Word Phil Samuel, BMG <i>All levels</i>	Claims Adjustment Process Simulation Marcelo Zottolo and Onur Olgen, Production Modeling Corporation <i>Intermediate level</i>	Path Ahead-finding the Direction in the Corporate Jungle Kaiwen Cheng, Deere and Company <i>All levels</i>
11:30 a.m. - 12:20 p.m.	Qualitative Approach to Engineering Project Optimization Adedeji Badiru, Air Force Institute of Technology <i>All levels</i>	Building the Global Engineering Team Vincent Howell, Corning Incorporated <i>All levels</i>	Asset Tagging By Product - An RFID Solution Hector Robles, Jaime Macias and Francisco Ibarra, Universidad Panamericana <i>Intermediate level</i>	Lean Program Management Robert Spector, Capgemini <i>Intermediate level</i>	Integrating Product and Process Design Using SysML Leon McGinnis, KySang Kwan and Chris Paredis, Georgia Tech <i>Basic level</i>	Bridging the Gap Between the Textbook Exercises and Real-World Simulation Projects - A Panel Discussion Ed Williams, PMC-Dearborn ; Roberto F. Lu, The Boeing Company ; Andre Bergevin, Canada Post ; Bram Blenk, Canada Post ; William Proctor, Epicenter Development Group, LLC <i>All levels</i>	Management of the Technical Professional: So Do You Want Supervision With that Role? David Hartmann, University of Central Oklahoma <i>Intermediate level</i>
Track	Engineering & Management Systems	Global	Latin America	Lean	Manufacturing	Simulation	Human Factors / Ergonomics
1:45 p.m. - 2:35 p.m.	Strategic Process Mapping for ERP Implementation Tom Brady, Purdue University North Central <i>Intermediate level</i>	Lessons of a Young IE Across the Globe Lindsey Kirtley, Accenture <i>Basic level</i>	Latin American Town Hall Meeting	Lean Business Proce\$\$ - New Techniques for Next Gen Lean Enterprise Martin McGregor, Victaulic Company of America <i>Intermediate level</i>	Human-Factors Approach to Manufacturing Operations Assignment Molu Olumolade, Central Michigan University Central Michigan University <i>Basic level</i>	Development of a User-Friendly, Flexible Simulation Models William Proctor, Epicenter Development Group, LLC <i>Intermediate level</i>	Ergonomics and the Aging Workforce Tim McGlothlin, The Ergonomics Center of North Carolina <i>All levels</i>
2:35 p.m. - 3 p.m.	Refreshment break in Exhibit Hall						
Track	Engineering & Management Systems	Global	Process Industries	Lean	Manufacturing	Simulation	Human Factors / Ergonomics
3:10 p.m. - 4 p.m.	Data Management Methods That Assist the Construction of a Refrigeration System Health Assessment Stephen Puryear, Novartis Corporation <i>Intermediate level</i>	Industrial Engineering, Global Productivity, and World Peace George Smith, World Confederation of Productivity Science <i>Basic level</i>	Improving Continuous Process Systems with Simulation Carley Jurishica, Rockwell Automation <i>Basic level</i>	Office Lean- WII-FM (An interactive "What's in it for me!" Informal Discussion) Don Goldacker, The Boeing Company <i>Basic level</i>	Which Estimating Method? Plus, Minus, and the Time for Each Jane Algee, Lockheed Martin <i>Intermediate level</i>	Simulation of Medical Laboratory Operations to Achieve Optimal Resource Allocation Ravindra Lote, Eric Lammers and Onur Ulgen, Production Modeling Corporation <i>Intermediate level</i>	Ergonomic Intervention Case Study at a Commercial Lighting Manufacturing Facility Jay Kapellusch and Arun Garg, University of Wisconsin – Milwaukee, Scot Siebers, RUUD Lighting <i>All levels</i>
4:10 p.m. - 5 p.m.	Tba	International Forum Panel Discussion Internationalizing the IE Profession: Industry and Academic Panel	Lean System Design - Using Simulation to Design Pull Systems J. Bennett Foster, DuPont Company <i>Basic level</i>	Lean Division Town Hall Meeting Marjorie Koch, Nike <i>All levels</i>	The Production Preparation Process (3P), Reinventing our Manufacturing Processes by Unleashing the Employees Creative Potential Bryan Bergsma, Raytheon <i>All levels</i>	Simulation Modeling: Non-Manufacturing Uses and Practical Lessons Learned Jeffrey Ferris, Patricia Buchanan and Gwendolyn Malone, Harris Corporation <i>All levels</i>	Toyota's Approach to Ergonomics from the Floorboard to the Drawing Board James Mallon, Humantech, Inc. <i>All levels</i>
5 p.m. - 6 p.m.							

Applied Solutions Program at – a – Glance – Wednesday, May, 21

Session Room	Salon 2 Room	Oak Room	Thompson Room	Salon 1 Room	Seymour Room	Mackenzie Room	Salon 3 Room
Track	Engineering & Management Systems	Health Care Systems	Process Industries	Lean	Service Engineering	Simulation	Quality, Six Sigma, ISO
8 a.m. - 8:50 a.m.	The Technical Raconteur Gene Dixon, ECU, Inc. <i>All levels</i>	Hospital Throughput Improvement Projects - or - How Do You Eat an Elephant? Pauline Hogan, Franciscan Skemp-Mayo Health System <i>All levels</i>	Determining Economic Production Quantities (EPQ) in a Continuous Process - A Case Study Douglas R. Kroeger, Gerber Products Company <i>Basic level</i>	Integrating Lean and Quality Systems to Drive Continuous Improvement in Operations Scott Fritz and Toni Guidarelli, Boston Scientific <i>Intermediate level</i>	Model For Service Process Improvement Using Lean and Six-Sigma Concepts Merwan Mehta, East Carolina University <i>Intermediate level</i>	Developing of Pilot Tool for Highway Simulation Modeling, Using Arena Alirio Villanueva, Maria Gutierrez and Henry Gaspari, UCAB <i>All levels</i>	A Comprehensive Comparison Between Lean And Six Sigma And A Tier-based Mutually Inclusive Integration Model Gary Jing, Entegris <i>Intermediate level</i>
9 a.m. - 9:50 a.m.	IE Skills Make a Difference: From Folk Festivals to Hurricane Recovery John Corliss, Sustainable Global Solutions, LLC <i>Basic level</i>	So, You Want to Get Into Healthcare? Pierce Story, Society for Health Systems and Jumbee Patient Flow Advisors <i>Basic level</i>	Productivity Improvement Solutions for Manufacturing Systems with Highly Variable Inputs Sudhendu Rai, Xerox Corporation <i>All levels</i>	The Skinny on Lean Manufacturing: Why Some High-Mix Manufacturers Fail to Derive Benefits Tom Knight, Invistics <i>Intermediate level</i>	Lean System For Managing: Systematic Approach to Ensure Efficient Economic Operation of the Business Robert Burke, Value Innovation Partners, Ltd <i>Basic level</i>	Ariana: An Arena Scenario Analysis Tool Gwendolyn Malone, Patricia Buchanan and Jeffrey Ferris, Harris Corporation <i>All levels</i>	Multi Channel Functional Data Monitoring and Decomposition Hani Kababji, AEPF <i>Intermediate level</i>
10 a.m. - 10:50 a.m.	The Process of Making Decisions Based on Values José Pablo Nuño and Miguel Ángel Melgarejo, UPAEP <i>Intermediate level</i>	Establishing Kanban Pull Systems in Healthcare Settings Karen Martin, Karen Martin and Associates <i>Intermediate level</i>	Performance Measurement Systems for Converting Operations with Varying Performance Capabilities Nathan Williams, International Paper <i>Intermediate level</i>	Applying Critical Parameter Analysis for Lean System Optimization Beth Cudney and Monique Matta, University of Missouri-Rolla <i>Intermediate level</i>	Pursuing Process Excellence in the Service Sector - Service Excellence Examples Kevin McManus, Great Systems! <i>Basic level</i>	Improving Simulation Usability with Layout Generation Techniques Amy Brown and Jim Sawyer, TranSystems <i>Intermediate level</i>	Gage Studies & Evaluating the Measurement Process Travis Moulton, Los Alamos National Laboratory <i>All levels</i>
11 a.m. - 11:50 a.m.	Designing Successful Kaizen Event Programs: Lessons Learned from Case Studies and the Literature Eileen Van Aken and Wiljeana Glover, Virginia Tech, Toni Doolen, Oregon State <i>All levels</i>	A Systematic Application of Lean Healthcare in a 100,000-Visit Emergency Department Joseph Crane, University of Tennessee Center for Executive Education <i>Basic level</i>	DuPont Case Study: Implementing Lean in a High-Mix Process Company Tom Knight, Invistics <i>Intermediate level</i>	Math and Metrics in Lean Six-sigma Process Improvement Merwan Mehta, East Carolina University <i>Intermediate level</i>	A Walker for Noel: Service Learning in Engineering Design Projects Katie Grantham Lough, University of Missouri-Rolla <i>All levels</i>	Modeling a Large Scale Production System with Converging Production Lines and System Learning Roberto Lu, The Boeing Company, Bailey Kluczny and Jason Goto, Analysis Works <i>Intermediate level</i>	Requirements-based Cost Modeling for Product and Process Development George Chollar, Jessie Peplinski and Garron Morris, Statistical Design Institute, LLC <i>Intermediate level</i>
Track	Engineering & Management Systems	Health Care Systems	Process Industries	Lean	Service Engineering	Simulation	Operations Research
1:30 p.m. - 2:20 p.m.	Ambidextrous Management: Integrating Control and Creativity in the Innovation Economy Marc Resnick, Florida International University <i>Intermediate level</i>	Real Life Issues in Modeling Health Care Capacity Jason Goto and Simon Wong, AnalysisWorks Inc. <i>All levels</i>	Simulation and Lean Manufacturing Tools to Increase Capacity in Biopharmaceuticals Luis Armendariz, Baxter Healthcare Corp. <i>All levels</i>	Paradigm Shift: Making Material Flow Joe Drafall, Boston Scientific <i>Intermediate level</i>	People Aren't Robots - But They Do Come Pre-programmed Dixie Gillaspie, Pure Synchrony <i>Basic level</i>	Generic Model to Calculate Hours Required to Operate a Postal Plant Andre Bergevin and Bram Blenk, Canada Post <i>Advanced level</i>	Semiconductor Wafer Mix Optimization Ed Lawton, Optimum Profit Consulting, LLC, Simon Tunmore, Micron <i>Intermediate level</i>
2:30 p.m. - 3:20 p.m.	Improving Manufacturing Competitiveness by Utilizing Industrial Engineering Skills Abolfazl Taghizadeh, National Semiconductor <i>All levels</i>	Spreadsheet-Based Simulation and Optimization Models for Staffing in Healthcare Charles Noon, The University of Tennessee <i>All levels</i>	Using Six Sigma to Improve Throughput and Solve Legacy Problems in Continuous Processing Janice Shade, Kraft Foods <i>Basic level</i>	Process Improvement at Wells Fargo Using Six Sigma and Lean John Lebak and Mark Piatkowski, Wells Fargo <i>Basic level</i>	Creating a Service Minded Culture For Any Type of Business Ken Meyer, Alignment at Work, LLC <i>Basic level</i>	Simulation Applications for Lean Implementation at Hill Air Force Base Steven Jaynes, CH2M HILL, Inc. <i>Basic level</i>	Process Improvements for a Distribution Center Helmut Welke, John Deere Parts Division <i>Basic level</i>
3:30 p.m. - 4:20 p.m.	Tba	Finding a Career in Healthcare - The Challenge and Potential David Cowan, Georgia Institute of Technology <i>All levels</i>	Cellular Manufacturing in the Process Industries Peter King, Lean Dynamics, LLC <i>Basic level</i>	Using Digital Manufacturing to Develop Lean Processes in a Low Volume Shop Bobbi Ferguson, Curtiss Wright EMD <i>Intermediate level</i>	Enhancing Lean and Six Sigma Curricula Through Extension Activities in the Community Elizabeth Cudney, Mark Eickhoff, William Ruzicka II, Hamdi Bicerli and Nicolas Codutti, Missouri University of Science & Technology <i>All levels</i>	Simulation as Data Driven Method to Establish Manning Ratio Hoay Hoon Ong and Hu Teik Eow, Intel Technology <i>All levels</i>	Service Center Staff Planning Tool Marcelo Zottolo, PMC-Dearborn <i>Intermediate level</i>