

SISE 2017 TENTATIVE CONFERENCE PROGRAM (as of October 11, 2017)

Date	Time	Event	
		Remington #1	Remington #2
Thursday 10/19/2017	8:00 am - 3:00 pm	SISE 2017 Registration	
	9:00 am - 9:15 am	Welcome Session	
	9:15 am - 10:00 am	Keynote Speech: Neal Schmeidler, MSIE	
		<i>Speech Title: "Real Life Stories from a Practicing Industrial Engineer"</i>	
	10:00 am - 10:15 am	Coffee Break	
	10:15 am - 11:30 am	Session 1	Session 2
		Systems Engineering - I	Human Factors & Ergonomics - I
	11:30 am - 12:45 pm	Session 3	Session 4
		Operations Research	Human Factors & Ergonomics - II
	12:45 pm - 2:00 pm	Lunch Break	
	2:00 pm - 3:15 pm	Session 5	Session 6
		Other IE Topics - I	IE Applications - I
	3:15 pm - 3:30 pm	Coffee Break	
	3:30 pm - 4:45 pm	Session 7	Session 8
Other IE Topics - II		Systems Engineering - II	
4:45 pm - 5:30 pm	ISER Editorial Board Meeting		
6:30 pm - 8:00 pm	SISE 2017 Dinner Banquet and Awards		
	Venue: Remington #1		
Friday 10/20/2017	8:00 am - 11:00 am	SISE 2017 Registration	
	9:00 am - 9:45 am	Remington #1	Remington #2
		Plenary Speech: Robert L. Read, PhD	
	<i>Speech Title: "Agility and Openness: Lessons from Government IT and Process Innovation during Obama's Tech Surge"</i>		
	9:45 am - 10:00 am	Coffee Break	
	10:00 am - 11:15 pm	Session 9	Session 10
		IE Applications - II	Other IE Topics - III
	11:15 am - 12:30 pm	Session 11	Session 12
Manufacturing Systems		Supply Chain Management	
12:30 pm	Conference Adjourns		

BREAKOUT SESSIONS (Tentative as of October 11, 2017)

THURSDAY - OCTOBER 19, 2017

Session	#	Session Title	Session Chair	Paper Title	Authors
1	1	Systems Engineering - I	K McDonald	Risk Management for National Defense: A Systems Thinking Approach	PF Evangelista
	2	Systems Engineering - I	K McDonald	An Extended Contract Net Protocol for Distributed Decision Mechanism in Collaborative Networks	I Yilmaz and SW Yoon
	3	Systems Engineering - I	K McDonald	Crash Analysis using Artificial Neural Network and Decision Tree	A. Kasasbeh, and R Shabbar
	4	Systems Engineering - I	K McDonald	Using System Dynamics Modeling to Assess National Food Security	K McDonald, A Akhmetov, S Musholt, B Quinn, and R Prins
2	1	Human Factors and Ergonomics - I	R Yearout	Physical workload Assessment using Criteria's of the Chamoux Method at Laboratory Workplace Environment Simulation.	J Cuellar, C Solis, JM Hernandez, JA Chi, and JO Quiñonez
	2	Human Factors and Ergonomics - I	R Yearout	Acceptable Noise Levels for Typical Outdoor Leisure Activities {Part I}	T Smith, A Moore, J Lee, D Klug, D Cole, D Parsons, and R Yearout
	3	Human Factors and Ergonomics - I	R Yearout	Acceptable Noise Levels for Typical Outdoor Leisure Activities {Part II}	T Smith, A Moore, J Lee, D Klug, D Cole, D Parsons, and R Yearout
	4	Human Factors and Ergonomics - I	R Yearout	A Data Collection Noise Level Case Study Methodology for an expert witness	A Chu, C Bates, J Lee, D Parsons, W Stevens, A Waddell, and R Yearout
3	1	Operations Research	G Lesinski	Cost Minimization of an Academic Advisory Business through Linear Programming	IG González-Palomo, A Vargas-Moreno, AM García-León, EP Puente-Aguilar, AY Aguilar-Villarreal, and P Gómez-Fuentes
	2	Operations Research	G Lesinski	Optimization of Warehouse Storage Assignment Using Community Detection and Integer Programming	H Dauod, I Lee, SH Chung, and SW Yoon
	3	Operations Research	G Lesinski	Improving Response Times in a Safety Emergency Response System Using Stochastic Simulation	JH De La Cruz
	4	Operations Research	G Lesinski	Selecting Robotic Power Solutions: A Case Study of Stochastic Value Modeling	V Mittal, E Lesinski, and A MacCalman
4	1	Human Factors and Ergonomics - II	G Weames	Analysis of Factor Effect on Ground Reaction Force During Stair Climbing	X Qian, BP Kattel, and S Lee
	2	Human Factors and Ergonomics - II	G Weames	Identification of Inflammatory Biomarkers for the Prevention of Tendonitis Caused by Repetitive Manual Assembly Tasks	D Conde, G Ibarra-Mejia, J S Moore, and K Browne
	3	Human Factors and Ergonomics - II	G Weames	Analysis of the Exposure to Occupational Physical Factors for the Railroad Track Welder in Maintenance of Way	GG Weames, GB Page, J Vanderpool, and S Fleming
	4	Human Factors and Ergonomics - II	G Weames	Analysis of the Exposure to Occupational Physical Factors for the Railroad Track Section Maintainer in Maintenance of Way	GG Weames, GB Page, S Fleming, and J Vanderpool
5	1	Other IE Topics - I	A Desai	Trends in Manufacturing and Challenges for Industrial Engineering	KZ Kaylani and N Nagarur
	2	Other IE Topics - I	A Desai	A Comparison of Three Empirical Methods for Concrete Penetration Depth by a High Speed Ogive Shaped Projectile	BM Wade
	3	Other IE Topics - I	A Desai	A Design for Assembly Methodology Based on MTM Standards	A Desai
	4	Other IE Topics - I	A Desai	Concurrent Consideration of Assembly and Disassembly Using MTM Standards	A Desai

Session	#	Session Title	Session Chair	Paper Title	Authors
6	1	IE Applications - I	M Méndez-Piñero	The Application of Methods Engineering as a Tool of Analysis in the Electrical Industry	MA Martínez, D Bacre, C Solis, J Cuellar, EE Abrego, D Pérez, CA Madrigal, AE Estrada and LM González
	2	IE Applications - I	M Méndez-Piñero	Case Study on A Model for Optimization in Less than Truckload Distribution Networks	E Carrum, M Sanchez, and P Perez
	3	IE Applications - I	M Méndez-Piñero	Cost Estimation Tool for Physical Improvement Projects at the University of Puerto Rico Mayagüez Campus	JR Rodríguez-Colón, LT Silva-Jetter, and MI Méndez-Piñero
	4	IE Applications - I	M Méndez-Piñero	Computerized Platform to Evaluate Profitability of Small Businesses in Puerto Rico	MI Méndez-Piñero, Y Hernández-Torres, E Santiago-García, and J Soto-Martínez
7	1	Other IE Topics - II	R Mata-Martínez	Weibull Stress/Strength Analysis with Non-Constant Shape Parameter	M Baro-Tijerinaa, MR Piña-Monarez, and B Villa-Covarrubias
	2	Other IE Topics - II	R Mata-Martínez	Weibull Accelerated Life Testing Analysis using Expected Failure Times	MR Piña-Monarreza and MA Rodríguez-Medinab
	3	Other IE Topics - II	R Mata-Martínez	Towards a More Welcoming Start for New International Students: Developing a Bus Service from NYC to Campus	DL Santos, P Kulkarni, and A Kasasbeh
	4	Other IE Topics - II	R Mata-Martínez	The impact of an Industrial Engineering Capstone project, which uses the principles of PPAP/APQP, in the Development of Program Specific Student Outcomes	J Hernández-Ramos, E González-Trejo, G Pedroza-Cantú, and R Mata-Martínez
8	1	Systems Engineering - II	ZJ Harrison	Analysis of Pilot's Visual Scanning Characteristics under Normal and Extreme Flight Conditions	S Naeri
	2	Systems Engineering - II	ZJ Harrison	Efficiency and Distraction Evaluations of Motorcycle Mounted Infotainment System	A Khamaj , RL Shehab, and Z Kang
	3	Systems Engineering - II	ZJ Harrison	The Impact of Indirect Contact with C. Diff Patients on C. Diff Infection Occurrence: Risk Factor Analysis and Predictive Modeling	R Shabbar, B Azoulai, S Poranki, and M Khasawneh
	4	Systems Engineering - II	ZJ Harrison	Proactive Event Management using ANN with PSO Prediction in Transport Processes	R Shabbar and A Kasasbeh

FRIDAY - OCTOBER 20, 2017

Session	#	Session Title	Session Chair	Paper Title	Authors
9	1	IE Applications - II	DL Santos	Data Analysis of Early Detection and Clinical Stages of Breast Cancer in Libya	H Saad and N Nagarur
	2	IE Applications - II	DL Santos	Critical Success Factors of Continuous Improvement Tools in Service Industry - A Literature Review	KF Madrigal-Estrada , E Martínez-Gómez , V Torres-Arguelles, and E Beltrán-Salomón
	3	IE Applications - II	DL Santos	Competitive Intelligence Practices in Mexico: A Meta-Analysis Study	ER Poblano-Ojinaga, A Valles-Chávez, SA Noriega, and H García-Castellanos
	4	IE Applications - II	DL Santos	Failure Factors in Lean Six Sigma Implementation in Healthcare	H Elsayed and DL Santos
10	1	Other IE Topics - III	MI Rodriguez-Borbon	Mechanical Design using 2-D Mohr's Circle and the Weibull Distribution	B Villa-Covarrubia, , MR Piña-M, M Baro-Tijerina, and JA López-Rodríguez
	2	Other IE Topics - III	MI Rodriguez-Borbon	Aerodynamic Turbines Analysis by Computational Fluid Dynamics Analysis (CFD) with ANSYS Software	S Dominguez, K Escamilla, and I Escamilla
	3	Other IE Topics - III	MI Rodriguez-Borbon	Fem Analysis Of A Low-Cost 3D Printed Tibial Prosthesis Model With ANSYS	S Domínguez Rueda, I Escamilla Salazar, and B González-Ortiz
	4	Other IE Topics - III	MI Rodriguez-Borbon	Reliability Analysis on European Cucumber using a Temperature-Humidity Model	MI Rodriguez-Borbon, MA Rodriguez Medina , A Alvarado Iniesta, and CP Lopez-Carlos
11	1	Manufacturing Systems	A Subramanian	RCM Application on Aluminum Injection Molding Machine with Reduced Sample	MA Fuentes-Huerta, DS González-González, M Cantú-Sifuentes, and RJ Praga-Alejo
	2	Manufacturing Systems	A Subramanian	RCM Implementation for Injection Molding Machine Considering a Small Sample	MA Fuentes-Huerta, DS González-González, M Cantú-Sifuentes, and RJ Praga-Alejo
	3	Manufacturing Systems	A Subramanian	Analysis of Friction Steel Welding Process Considering Multiple Categorical Defects	DS González-González, RJ Praga-Alejo, AF Miranda-Pérez, JA Alonso-Martinez and JM Coronel-Muñoz
	4	Manufacturing Systems	A Subramanian	Comparison of Models to Program Reliability Centered Maintenance Activities of Injection Molding Machine	D Cruz-Garcia, DS González-González, M Fuentes-Huerta and RJ Praga-Alejo
12	1	Supply Chain Management	SW Yoon	A Survey of ECDM Modeling Literature Based on Different Techniques	J Leyva-Bravo, P Chiñas-Sánchez, and A Hernández-Rodríguez
	2	Supply Chain Management	SW Yoon	Design Of Multi-Echelon Supply Chain Systems To Optimize Cost And Service Levels With Supplier Selection	Z Alsalem, V Maru, and KK Krishnan
	3	Supply Chain Management	SW Yoon	Design Of Multi-Echelon Supply Chain Systems To Optimize Cost And Service Levels	V Maru, Z Alsalem, and KK Krishnan
	4	Supply Chain Management	SW Yoon	An Optimal Delivery Strategy for Multi-Perishable Products Through Supply Chain Network	SY Alghamdi, M Alquraish, and KK Krishnan