

# CSOR 2011

## Challenges in Statistics and Operations Research Program

### Tuesday, March 8, 2011

8:00 – 9:00	Registration (Conference Hall, Abdullah Al-Jaber Building, Kuwait University, Shuwaikh)		
9:00 – 10:00	Opening Ceremony Prof. Moudi Al-Humoud, Dr. Fahimah Al-Awadhi, Prof. James Zidek, Mr. Mohammad Al-Omar Room: Taha		
10:00 – 10:30	Coffee Break		
10:30 – 11:15	<b>Keynote Speakers:</b> <b>Chair:</b> E. E. Aly <b>Prof. Pranab K. Sen:</b> Shifting Goals and Mounting Challenges for Statistical Science in the Wake of Multi-Disciplinary Research <b>Prof. Richard Larson:</b> Service Industries and the Emergence of Service Science <b>Room:</b> Taha		
11:15 – 12:00			
12:00 – 12:15	Break		
12:15 – 13:30	<b>STAT-T1A: Data Analysis I</b> <b>Chair:</b> A. Soltani <b>Room:</b> Taha  <b>1. On Optimal Spline Smoothing of the Hodrick-Prescott Filter</b> <b>Presenting Author:</b> Boualem Djehiche, Royal Institute of Technology, Stockholm, Sweden.  <b>2. Prediction via the conditional quantile for right censored and dependant data</b> <b>Presenting Author:</b> Ourida Sadki, University of Sciences and Technology Houari Boumedienne, Algiers, Algeria.  <b>3. Two-Phase Sample Size Estimation with Pre-assigned Variance</b> <b>Presenting Author:</b> Mohammad Salehi M, Qatar University, Dept. of Mathematics, Statistics and Physics, Doha, Qatar.	<b>STAT-T1B: Reliability and Survival Analysis</b> <b>Chair:</b> M. Ghitany <b>Room:</b> Iskandar  <b>1. A step-wise method for labelling continuous data with a focus on striking a balance between predictive accuracy and model reliability</b> <b>Presenting Author:</b> Kassim S. M. Mwitondi, Sheffield Hallam University, Sheffield, United Kingdom.  <b>2. A Family of Tests for Exponentiality against IFR Alternatives</b> <b>Presenting Author:</b> M. Z. Anis, Indian Statistical Institute, India.  <b>3. Moments of the Reliability <math>R = P(Y &lt; X)</math> as a Random Variable</b> <b>Presenting Author:</b> Mohammed A. Shayib, Parairie View A&M University, Cypress TX, USA.	<b>OR-T1: Inventory Systems</b> <b>Chair:</b> L. BenKherouf <b>Room:</b> El-Wakeel  <b>1. On a Finite Horizon EOQ Model with Cycle Dependent Trade Credit Policies and Time Dependent Parameters</b> <b>Presenting Author:</b> Zaid T. Balkhi, Dept. of Stat. & OR, King Saud University, Riyadh, Saudi Arabia.  <b>2. Optimized Synthetic Quality Control Charts for In-control and Out-of-control Regions</b> <b>Presenting Author:</b> Francisco Aparisi, Universidad Politecnica de Valencia, Valencia, Spain.  <b>3. Warranty Servicing for Multi-State Degrading Items with Non-Zero Repair Time Under Renewing Warranty</b> <b>Presenting Author:</b> Hashem Vahdani, Dept. of Ind. Eng., Sharif University of Technology, Tehran, Iran.
13:30 – 14:30	Lunch		
14:30 – 15:15	<b>Keynote Speakers:</b> <b>Chair:</b> N. Al-Kandari <b>Prof. Alain Bensoussan:</b> Real Options <b>Prof. Jose-Miguel Bernardo:</b> Recent Developments in Objective Bayesian Statistics. <b>Room:</b> Taha		
15:15 – 16:00			
16:00 – 16:15	Break		

<p>16:15 – 17:30</p>	<p><b>STAT-T2A: Data Analysis II</b>  <b>Chair:</b> M. Konswa  <b>Room:</b> Taha</p> <p><b>1. Local Depth for Functional Data</b>  <b>Presenting Author:</b> Claudio Agostinelli, Dipartimento di Scienze Ambientali, Informatica e Statistica, Venezia, Italia.</p> <p><b>2. Bayesian tomographic restoration of Ionospheric electron density using Markov Chain Monte Carlo techniques</b>  <b>Presenting Author:</b> Eman Khorsheed, Department of Mathematics, University of Bahrain, Kingdom of Bahrain.</p> <p><b>3. A New Approach to Modeling Count Data in Reproductive and Developmental Toxicity Experiments</b>  <b>Presenting Author:</b> Mehdi Razzaghi, Bloomsburg University, Bloomsburg, USA.</p>	<p><b>STAT-T2B: Bayesian Inference</b>  <b>Chair:</b> M. Shayib  <b>Room:</b> Iskandar</p> <p><b>1. Computation of Risk Function in Conditional Bayesian Problem of Testing Many Hypotheses</b>  <b>Presenting Author:</b> K.J. Kachiashvili, I. Vekua, Institute of Applied Mathematics, Tbilisi State University, Tbilisi, Georgia.</p> <p><b>2. A conditional Bayesian approach for testing independence in two-way contingency tables</b>  <b>Presenting Author:</b> M. Ganjali, Dept. of Statistics, Shahid Beheshti University, Tehran, Iran.</p> <p><b>3. Performance Evaluation of Imputation Based on Bayesian Networks</b>  <b>Presenting Author:</b> Parisa Niloofar, Dept. of Statistics, Shahid Beheshti University, Tehran, Iran.</p>	<p><b>OR-T2: Heuristics</b>  <b>Chair:</b> R. M'Hallah  <b>Room:</b> El-Wakeel</p> <p><b>1. The Knapsack Sharing Problem: An Adaptive Search Algorithm</b>  <b>Presenting Author:</b> Hedi MHallah, Universite de Picardie, Amiens, France.</p> <p><b>2. A Particle Swarm Optimization Algorithm for the Economic Lot Scheduling Problem</b>  <b>Presenting Author:</b> M. Fatih Tasgetiren, Ind. Eng. Dept., Yasar University, Izmir, Turkey.</p> <p><b>3. A Triggered Particle Swarm Optimization</b>  <b>Presenting Author:</b> Bayoumi M. Ali, Dept. of OR &amp; Dec. Support, Cairo University, Cairo, Egypt.</p>
	<p>19:00 – 22:00</p> <p style="text-align: center;">Gala Dinner</p>		