

## PRESENTATION SCHEDULE

Day 1 of Conference – 16 May 2014, Friday, CityUSRI

<b>16 May</b>		<b>Parallel Session I</b>		
<b>Venue</b>	<b>LT-1</b>	<b>LT-2</b>	<b>Room 1-04</b>	
<b>Time</b>	<i>Healthcare-I</i>	<i>Transportation I</i>	<i>Scheduling and Decision Making</i>	
13:00 – 14:00	<i>Lunch</i>			
14:00 – 14:30	SRC12	SRC07	SRC22	
14:30 – 15:00	SRC06	SRC30	SRC09	
15:00 – 15:30	SRC11	SRC28	SRC27	
15:30 – 15:45	<i>Refreshment Break</i>			

<b>16 May</b>		<b>Parallel Session II</b>		
<b>Venue</b>	<b>LT-1</b>	<b>LT-2</b>	<b>Room 1-04</b>	
<b>Time</b>	<i>Healthcare-II</i>	<i>Transportation II</i>	<i>Quality and Reliability</i>	
15:45 – 16:15	SRC14	SRC31	SRC16	
16:15 – 16:45	SRC15	SRC34	SRC25	
16:45 – 17:15	SRC02	SRC40	SRC29	
	<i>End of Day 1</i>			

Day 2 of Conference – 17 May 2014, Saturday, CityUSRI

<b>17 May</b>	<b>Parallel Session III</b>		
<b>Venue Time</b>	<b>LT-1 <i>Healthcare-III</i></b>	<b>LT-2 <i>Modelling I</i></b>	<b>Room 1-04 <i>Supply Chain Management</i></b>
09:00 – 09:30	SRC24	SRC05	SRC01
09:30 – 10:00	SRC35	SRC13	SRC10
10:00 – 10:30	SRC37	SRC17	SRC39
10:30 – 10:45	<b><i>Refreshment Break</i></b>		

<b>17 May</b>	<b>Parallel Session IV</b>		
<b>Venue Time</b>	<b>LT-1 <i>Healthcare-IV</i></b>	<b>LT-2 <i>Modelling II</i></b>	<b>Room 1-04 <i>Financial Engineering and Simulation</i></b>
10:45 – 11:15	SRC04	SRC21	SRC08
11:15 – 11:45	SRC19	SRC23	SRC44
11:45 – 12:15	SRC43	SRC32	SRC20
12:15 – 12:25	<b><i>Closing Session</i></b>		
12:25 – 13:30	<b><i>Lunch</i></b>		
	<b><i>End of Conference</i></b>		

## PRESENTATION SCHEDULE DETAILS

### Day 1 – Parallel Session I (14:00-15:30)

#### **Venue: LT-1 (Healthcare-I)**

SRC12	AN OVERVIEW AND COMPARISON OF HEALTHCARE SYSTEMS IN DEVELOPED COUNTRIES	Hainan Guo Jinpeng Xu Kwok-Leung Tsui	SEEM, City University of Hong Kong
SRC06	EXPLORATION ON HEALTHCARE MANAGEMENT SYSTEM: AN EMPIRICAL STUDY FROM CHINESE RESOURCE-BASED STATE-OWNED ENTERPRISES	LIU Fangtao TSO Kwok Fai Geoffrey LI Jin3	Department of Management Sciences, City University of Hong Kong
SRC11	DEVELOPMENT OF A SERVICE MODEL FOR HYPERTENSION PATIENT MANAGEMENT	Kwang-Jae Kim <sup>1</sup> Ryeok-Hwan Kwon <sup>1</sup> Ki-Hun Kim <sup>1</sup> Sung-Hong Kang <sup>2</sup> , Yea-Eun Kim <sup>2</sup> Eun-Ju Kim <sup>2</sup> Chi-Hyuck Jun <sup>1</sup> Jung-Hye Lee <sup>1</sup> Won-Ji Lee <sup>1</sup>	<sup>1</sup> Department of Industrial and Management Engineering, Pohang University of Science and Technology  <sup>2</sup> Department of Health Policy and Management, Inje University

#### **Venue: LT-2 (Transportation-I)**

SRC07	SYNCHRONIZATION OF PRODUCTION AND TRANSPORTATION PLANNING CONSIDERING HETEROGENEOUS VEHICLES	Pingping Feng <sup>1</sup> Wu Feng <sup>2</sup> Ya Liu <sup>2</sup>	<sup>1</sup> Xi'an Jiaotong University and City University of Hong Kong  <sup>2</sup> Xi'an Jiaotong University
SRC30	BIOBJECTIVE TRANSPORTATION PROCUEMENT PROBLEM CONCERNING TRANSIT TIME	Qian Hu, Andrew Lim	Department of Management Sciences, City University of Hong Kong
SRC28	MINIMIZING CO2 EMISSIONS IN CONTAINER DRAYAGE TRANSPORTATION	Hui ZHANG Ruiyou ZHANG	College of Information Science and Engineering, Northeastern University

#### **Venue: Room 1-04 (Scheduling and Decision Making)**

SRC22	SENTIMENT ANALYSIS IN PROJECT DIALOGUES	Shuang GENG Kong Bieng CHUAH	SEEM, City University of Hong Kong
SRC09	A ROBUST OPTIMIZATION APPROACH FOR THE SCHEDULING PROBLEM IN CHINESE MARSHALLING YARDS UNDER UNCERTAIN ARRIVAL TIME OF EACH UPCOMING TRAI	Shancheng Jiang <sup>1</sup> Jiafu Tang <sup>2</sup>	<sup>1</sup> Department of Systems Engineering, Northeastern University <sup>2</sup> College of Management Science and Engineering, Dongbei University of Finance and Economics
SRC27	META-HEURISTICS FOR SCHEDULING OF DETERIORATING JOBS WITH DETERMINING NUMBER AND POSITION OF RMAS	Byung Soo Kim <sup>1</sup> Cheol Min Joo <sup>2</sup>	<sup>1</sup> Department of Industrial and Management Engineering, Incheon National University, Korea <sup>2</sup> Department of Industrial and Management

			Engineering, Dongseo University, Korea
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*Day 1 – Parallel Session II (15:45-17:15)*

**Venue: LT-1 (Healthcare-II)**

SRC14	EVALUATION OF TOTAL QUALITY MANAGEMENT IN HONG KONG HOME CARE SERVICES	P. Sathanmuang H.K. Yau	SEEM, City University of Hong Kong
SRC15	STUDY OF THE USER REQUIREMENTS OF DAYCARE SERVICE	K. P. Chun H. K. Yau	SEEM, City University of Hong Kong
SRC02	TRIANGULAR INTUITIONISTIC FUZZY RANDOM DECISION MAKING BASED ON COMBINATION OF PARAMETRIC ESTIMATION, SCORE FUNCTIONS, AND PROSPECT THEORY	Zhen-song Chen <sup>1</sup> , Yan-lai Li <sup>1</sup> Kwai-Sang Chin <sup>2</sup>	<sup>1</sup> School of Transportation and Logistics, Southwest Jiaotong University <sup>2</sup> SEEM, City University of Hong Kong

**Venue: LT-2 (Transportation-II)**

SRC31	AN APPLICATION OF DYNAMICAL SYSTEM RECONSTRUCTION FROM VIBRATIONS FOR BEARING DIAGNOSTICS AND PROGNOSTICS	S. S. Y. Ng <sup>1</sup> J. Cabrera <sup>2</sup> K. L. Tsui <sup>1</sup>	<sup>1</sup> SEEM, City University of Hong Kong <sup>2</sup> Department of Statistics and Biostatistics, Rutgers University, USA
SRC34	OPTIONS APPLICATION IN PASSENGER TRANSFER FOR PARALLEL AIRLINE ALLIANCES: A NOVEL MECHANISM	Xiaojia Wang Richard Y.K. Fung	SEEM, City University of Hong Kong
SRC40	REVENUE MANAGEMENT IN LOGISTICS TRANSPORTATION: RESEARCH OVERVIEW AND PROSPECTS	Xue Bai <sup>1</sup> Zhili Zhou <sup>2</sup> Kwai-Sang Chin <sup>2</sup>	<sup>1</sup> Department of Management Science and Engineering, Xi'an Jiao Tong University <sup>2</sup> SEEM, City University of Hong Kong

**Venue: Room 1-04 (Quality and Reliability)**

SRC16	FUZZY TWO-PERSON ZERO-SUM GAME APPROACH FOR QUALITY FUNCTION DEPLOYMENT	Yizeng Chen Qi Yu	School of Management, Shanghai University
SRC25	ON THE FAILURE RATE ESTIMATION OF RARE FAILURE DATA	X Xiao M Xie	SEEM, City University of Hong Kong
SRC29	STATISTICAL PROCESS CONTROL FOR SPATIAL POINT DATA BASED ON RIPLEY'S K FUNCTION	Huang Xiaohu Zhou Qiang	SEEM, City University of Hong Kong

Day 2 – Parallel Session III (09:00-10:30)

**Venue: LT-1 (Healthcare-III)**

SRC24	DECOMPOSITION BASED LOGISTIC REGRESSION ON METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) PATIENT PROGNOSIS	Y. ZHAO <sup>1</sup> K. L. TSUI <sup>1</sup> A. K. SHRIVASTAVA <sup>2</sup> S. Y. WONG <sup>1</sup>	<sup>1</sup> SEEM, City University of Hong Kong  <sup>2</sup> Florida State University, USA
SRC35	A RESTRUCTURED WORK SHIFT SCHEDULE DISCUSSION FOR EMERGENCY DEPARTMENT: A CASE STUDY IN HONG KONG	F.F. Yang S. Y. Wong K. L. Tsui	SEEM, City University of Hong Kong
SRC37	A DECOMPOSITION METHOD FOR APPOINTMENT SCHEDULING IN OUTPATIENT DEPARTMENT WITH PATIENT PREFERENCES	Jin Wang Richard Fung	SEEM, City University of Hong Kong

**Venue: LT-2 (Modelling I)**

SRC05	GAUSSIAN PROCESS MODELING OF DETERMINISTIC COMPUTER EXPERIMENTS	Matthias H.Y. Tan	SEEM, City University of Hong Kong
SRC13	ROBUST PLANNING OF GUARANTEED TARGETED DISPLAY ADVERTISING	Huaxiao SHEN Yanzhi LI	Department of Management Sciences, City University of Hong Kong
SRC17	UNDERSTANDING ENVIRONMENT AND HOUSEHOLD IMPACTS ON RESIDENTIAL ENERGY CONSUMPTION WITH MULTILEVEL REGRESSION	Jingjing Guan Geoffrey K.F. Tso	Department of Management Sciences, City University of Hong Kong

**Venue: Room 1-04 (Supply Chain Management)**

SRC01	MEASURING SUSTAINABLE COMPETITIVE ADVANTAGE: A VERTICALLY INTEGRATED CASE STUDY	Nurul Aida Abdul Malek <sup>1</sup> Khuram Shahzad <sup>2</sup> Josu Takala <sup>2</sup> Stefan Bojnec <sup>3</sup> Drago Papler <sup>3</sup> Yang Liu <sup>2</sup>	<sup>1</sup> Universiti Tun Hussein Onn Malaysia (UTHM) <sup>2</sup> Department of Production, University of Vaasa, Finland <sup>3</sup> Faculty of Management, University of Primorska, Slovenia
SRC10	EFFECTIVE INVENTORY CONTROL POLICIES WITH A MINIMUM ORDER QUANTITY AND BATCH ORDERING	Han Zhu Xing Liu Youhua(Frank) Chen	Department of Management Sciences, City University of Hong Kong
SRC39	PRELIMINARY STUDY THE ORGANIZATIONAL INNOVATION AND TRIZ IMPLEMENTATION MODEL	Lotto, Kim Hung LAI	Hong Kong Science and Technology Parks Corporation

Day 2 – Parallel Session IV (10:45-12:15)

**Venue: LT-1 (Healthcare-IV)**

SRC04	OPERATIONS IMPROVEMENT IN HOME HEALTH CARE: THE PATIENT ASSIGNMENT PROBLEM	M. Y. Lin K.S. Chin K.L. Tsui	SEEM, City University of Hong Kong
SRC19	DYNAMIC GAME OF ORPHAN DRUG R&D AND OPTIMAL STRATEGIES	HAN Chen GAO Shan-xing	School of Management, Xi'an Jiaotong University
SRC43	MODELING INFLUENZA PANDEMIC IN HONG KONG	Y.H. Chan S.Y. Wong K.L. Tsui	SEEM, City University of Hong Kong

**Venue: LT-2 (Modelling II)**

SRC21	A REVIEW OF MODELING INFLUENZA EPIDEMICS AND PANDEMICS	Q. N. Xu Zoie. S. Y. Wong K. L. Tsui	SEEM, City University of Hong Kong
SRC23	A GRADIENT APPROACH TO THE EFFICIENT DESIGN OF MEWMA CONTROL CHARTS	Wenpo Huang <sup>1</sup> Lianjie Shu <sup>2</sup>	<sup>1</sup> Faculty of Business Administration, University of Macau <sup>2</sup> Faculty of Business Administration, University of Macau
SRC32	ANALYSIS OF DAILY SOLAR POWER PREDICTION WITH DATA-DRIVEN APPROACHES	Huan Long <sup>1</sup> Zijun Zhang <sup>1</sup> Yan Su <sup>2</sup>	<sup>1</sup> SEEM, City University of Hong Kong <sup>2</sup> Department of Electromechanical Engineering, University of Macau

**Venue: Room 104 (Financial Engineering and Simulation)**

SRC08	HYBRID SIMULATION OF HUMAN FLESH SEARCH ENGINE	Qingpeng Zhang	SEEM, City University of Hong Kong
SRC44	CATASTROPHE BONDS: AN IMPORTANT NEW FINANCIAL INSTRUMENT	Michael Edesess	Centre for System Informatics Engineering, City University of Hong Kong
SRC20	OPERATION IMPROVEMENT OF THE MEAL DELIVERY PROCESS BY SIMULATION	K. P. Liu	SEEM, City University of Hong Kong

Closing Session and Lunch (12:15-13:30)