

TECHNICAL SESSIONS
JUNE 18 – JUNE 20, 2012
SHANGRI LA HOTEL, BANGKOK

MONDAY JUNE 18, 2012

PARALLEL SESSIONS

Monday June 18 10:30 am – 12:10 pm	SESSION 2 (INVITED): RELIABILITY PLANNING AND INFERENCE Chair: Jack Kalbfleisch, University of Michigan, Ann Arbor, MI, USA, jdkalbfl@umich.edu	Myanmar Room
Monday June 18 10:30 am – 12:10 pm	SESSION 3 (INVITED): ANALYSIS OF TEMPORAL AND SPATIO-TEMPORAL DATA Chair: Yap Bee Wah, Universiti Teknologi Mara, MALAYSIA beewah@tmsk.uitm.edu.my	Philippines Room
Monday June 18 10:30 am – 12:10 pm	SESSION 4 (INVITED): HIGH DIMENSIONAL ANALYSIS (y-BIS Session) Chair: Anupap Somboonsavatdee, Chulalongkorn University, THAILAND anupap@acc.chula.ac.th	Brunei Room
Monday June 18 10:30 am – 12:10 pm	SESSION 5 (INVITED): STATISTICS IN ACTUARIAL SCIENCE Chair: Regina Liu, Rutgers University, USA rliu@stat.rutgers.edu	Malaysia Room
Monday June 18 10:30 am – 12:10 pm	SESSION 6 (CONTRIBUTED): STATISTICS IN GOVERNMENT AND INDUSTRY Chair: A. Thavaneswaran, University of Manitoba, CANADA thavane@cc.umanitoba.ca	Indonesia Room
Monday June 18 1:30 pm – 3:10 pm	SESSION 9 (INVITED): STATISTICAL MODELING IN THE ENVIRONMENTAL SCIENCES Chair: Supol Durongwatana, Chulalongkorn University, THAILAND Supol@acc.chula.ac.th	Brunei Room
Monday June 18 1:30 pm – 3:10 pm	SESSION 10 (INVITED): BUSINESS SURVEYS Chair: Reinhard Viertl, Vienna University of Technology, Vienna, AUSTRIA r.viertl@tuwien.ac.at	Malaysia Room
Monday June 18 3:30 pm – 5:10 pm	SESSION 12 (INVITED): META-ANALYSIS FOR BINARY EXPERIMENTS WITH RARE EVENTS OR UNUSUAL SETTINGS Chair: Roy Welsch, Massachusetts Institute of Technology, Cambridge, MA, USA rwelsch@mit.edu	Myanmar Room

Monday June 18 3:30 pm – 5:10 pm	SESSION 13 (INVITED): RECENT ADVANCES IN TIME SERIES MODELING (ICSA Session) Organizer/Chair: <u>Wai Keung Li</u> , University of Hong Kong, HONG KONG hrntlwk@hku.hk	Philippines Room
Monday June 18 3:30 pm – 5:10 pm	SESSION 14 (INVITED): RECENT ADVANCES IN STATISTICAL QUALITY TECHNIQUES Chair: <u>Judy Jin</u> , University of Michigan, Ann Arbor, USA jhjin@umich.edu	Brunei Room
Monday June 18 3:30 pm – 5:10 pm	SESSION 15 (INVITED): STATISTICS IN BUSINESS AND INDUSTRY IN EUROPE (ENBIS Session) Chair: <u>Francesco Mola</u> , University of Cagliari, ITALY mola@unica.it	Malaysia Room
Monday June 18 3:30 pm – 5:10 pm	SESSION 16 (CONTRIBUTED): STATISTICAL MODELING AND ANALYSIS Chair: <u>Lourdes V. Homecillo</u> , National Statistics Office, Manila, PHILIPPINES L.Homecillo@census.gov.ph	Indonesia Room
Tuesday June 19 9:00 am – 10:10 am	SESSION 17 (INVITED): LARGE-SCALE SIMULATIONS AND EXPERIMENTS Chair: <u>Roshan Vengazhiyil</u> , Georgia Institute of Technology, USA roshan@isye.gatech.edu	Myanmar Room
Tuesday June 19 9:00 am – 10:10 am	SESSION 18 (INVITED): BAYESIAN STATISTICS/ECONOMETRICS WITH BUSINESS APPLICATIONS (y-BIS session) Chair: <u>Bal gobin Nandram</u> , Worcester Polytechnic Institute, USA balnan@wpi.edu	Philippines Room
Tuesday June 19 9:00 am – 10:10 am	SESSION 19 (INVITED): STATISTICAL ISSUES IN POPULATION FORECASTING AND DISCLOSURE RISK Chair: <u>Yili Hong</u> , Department of Statistics, Virginia Tech, Blacksburg, VA, USA yilihong@vt.edu	Brunei Room
Tuesday June 19 9:00 am – 10:10 am	SESSION 20 (INVITED): FUZZY METHODS IN BUSINESS AND INDUSTRY Chair: <u>S. Ejaz Ahmed</u> , Brock University, CANADA seahmed12@gmail.com	Malaysia Room

Tuesday June 19 9:00 am – 10:10 am	SESSION 21: (CONTRIBUTED) TOPICS IN DESIGN Chair: Ran Jin, Virginia Tech, USA rran5@vt.edu	Indonesia Room
Tuesday June 19 1:20 pm – 3:00 pm	SESSION 23: (INVITED): MONITORING PROCESS CHANGES AND SELECTION OF PARAMETERS IN MODERN INDUSTRIAL APPLICATIONS Chair: Changsoon Park, Chung-Ang University, Seoul, S. KOREA	Myanmar Room
Tuesday June 19 1:20 pm – 3:00 pm	SESSION 24 (INVITED): ANALYSIS OF HIGH-DIMENSIONAL DATA Chair: Pilar Munoz, Technical University of Catalonia, Barcelona, SPAIN pilar.munyo@upc.edu	Philippines Room
Tuesday June 19 1:20 pm – 3:00 pm	SESSION 25 (INVITED): STATISTICS IN MARKETING AND FINANCE Chair: Jay Vadeloo, Towers Watson Company, USA Jay.Vadeloo@towerswatson.com	Brunei Room
Tuesday June 19 1:20 pm – 3:00 pm	SESSION 27 (CONTRIBUTED): COMPUTATIONALLY INTENSIVE METHODS Chair: Cha Chi Fan, US Energy Information Administration, Washington DC, USA ChaChi.Fan@eia.gov	Indonesia Room
Tuesday June 19 3:20 pm – 5:00 pm	SESSION 28 (INVITED): USING STATISTICAL ENGINEERING TO ADDRESS LARGE, UNSTRUCTURED PROBLEMS Chair: William Q. Meeker, Iowa State University, USA wqmeeker@iastate.edu	Myanmar Room
Tuesday June 19 3:20 pm – 5:00 pm	SESSION 29 (INVITED): TIME SERIES APPLICATIONS IN BUSINESS – BEFORE, AFTER AND NOW (IISA Session) Chair: Nalini Ravishanker, University of Connecticut, USA nalini.ravishanker@gmail.com	Philippines Room
Tuesday June 19 3:20 pm – 5:00 pm	SESSION 30 (INVITED): STATISTICAL MODELS FOR TRANSPORTATION AND LOGISTICS Chair: Vincenzo Esposito Vinzi, ESSEC Business School, Paris, FRANCE vinzi@essec.edu	Brunei Room
Tuesday June 19 3:20 pm – 5:00 pm	SESSION 31 (INVITED): COPULA MODELING Chair: Anthony Hayter, University of Denver, USA Anthony.Hayter@du.edu	Malaysia Room

Tuesday June 19 3:20 pm – 5:00 pm	SESSION 32 (CONTRIBUTED): TIME SERIES ANALYSIS Chair: Khreshna Syuhada, Institut Teknologi Bandung, INDONESIA khreshna@math.itb.ac.id	Indonesia Room
Wednesday June 20 9:00 am – 10:10 am	SESSION 33 (INVITED): MODELING AND INFERENCE Chair: Geoff McLachlan, University of Queensland, AUSTRALIA g.mclachlan@uq.edu.au	Myanmar Room
Wednesday June 20 9:00 am – 10:10 am	SESSION 34 (INVITED): APPLICATIONS IN RISK AND MEDICINE Chair: Roger Hoerl, GE Global Research, USA roger.hoerl@ge.com	Philippines Room
Wednesday June 20 9:00 am – 10:10 am	SESSION 35 (INVITED): CLUSTERING AND APPLICATIONS Chair: Jonathan R. Stroud, George Washington University, USA stroud@gwu.edu	Brunei Room
Wednesday June 20 9:00 am – 10:10 am	SESSION 36 (INVITED): MODELING AND SELECTION FOR BUSINESS PROBLEMS Chair: Seksan Kiatsupaibul, Chulalongkorn University, THAILAND seksan@acc.chula.ac.th	Malaysia Room
Wednesday June 20 9:00 am – 10:10 am	SESSION 37 (INVITED): PROCESS MONITORING Chair: Kaibo Wang, Tsinghua University, Beijing, P. R. CHINA kbwang@tsinghua.edu.cn	Indonesia Room
Wednesday June 20 10:30 am – 12:10 pm	SESSION 38 (INVITED): ENERGY STATISTICS Chair: Graciela González Farías, Centro de Investigación en Matemáticas, MEXICO gmfarías@gmail.com	Myanmar Room
Wednesday June 20 10:30 am – 12:10 pm	SESSION 39 (INVITED): APPLICATIONS OF MIXTURE MODELS Chair: Frederick K. H. Phoa, Academia Sinica, Taipei, TAIWAN fredphoa@stat.sinica.edu.tw	Philippines Room
Wednesday June 20 10:30 am – 12:10 pm	SESSION 40 (INVITED): DESIGN AND ANALYSIS OF COMPUTER EXPERIMENTS Chair: Werner Mueller, Johannes Kepler Universität Linz, AUSTRIA Werner.Mueller@jku.at	Brunei Room
Wednesday June 20 10:30 am – 12:10 pm	SESSION 41 (INVITED): APPLICATIONS IN BUSINESS Chair: P.G. Sankaran, Cochin University of Science and	Malaysia Room

	Technology, INDIA, sankaranpg@yahoo.com	
Wednesday June 20 10:30 am – 12:10 pm	SESSION 42 (CONTRIBUTED): STATISTICS IN BUSIENSS AND INDUSTRY Chair: Qiang Huang, University of Southern California, USA qiang.huang@usc.edu	Indonesia Room
Wednesday June 20 1:30 pm – 3:10 pm	SESSION 43 (INVITED): RECURRENT EVENTS AND SYSTEM RELIABILITY Chair: Chaitra H. Nagaraja, Fordham Business School, USA cnagaraja@fordham.edu	Myanmar Room
Wednesday June 20 1:30 pm – 3:10 pm	SESSION 45 (INVITED): RECENT ADVANCES IN DESIGN AND ANALYSIS OF EXPERIMENTS Chair: Ben Haaland, National University of Singapore, SINGAPORE benjamin.haaland@duke-nus.edu.sg	Brunei Room
Wednesday June 20 1:30 pm – 3:10 pm	SESSION 46 (INVITED): DATA MINING APPLICATIONS Chair: Nuttanan Wichitaksorn, University of Sydney Business School, Sydney, AUSTRALIA nwic9927@uni.sydney.edu.au	Malaysia Room
Wednesday June 20 1:30 pm – 3:10 pm	SESSION 47 (INVITED): VARIATION MODELING AND MONITORING OF COMPLEX MANUFACTURING PROCESSES Chair: Philippe Castagliola, Université de Nantes & IRCCyN UMR CNRS 6597, Carquefou, Cedex, FRANCE philippe.castagliola@univ-nantes.fr	Indonesia Room