

December 15-16, 2013

NCTS, 4th Floor, The 3rd General Building,
National Tsing Hua University, Hsinchu, Taiwan

2013 NCTS ISRG Workshop on Recent Trends on Statistics



Year 2013 is the International Year of Statistics when we celebrate the advances in statistics as a field and recognize the critical role statistics plays in our daily life, research and science in general. To join this celebration, this workshop invites 16 leading researchers in statistics from the diverse frontier areas ranging from Statistical Modeling, Statistical Computing, Data Mining, Design of Experiments, Reliability, to Statistical Process Control. The goals of this workshop include: 1) to advance statistics research development and highlight new merging areas for growth, 2) to provide a forum for researchers and students alike to share their research findings and exchange research ideas, and 3) to foster opportunities for collaboration and interactions among the participants. This exciting event is part of the Statistical Research Group program, made possible by the generous sponsorship from NCTS.

Invited Speakers:

N. Balakrishnan (McMaster University, Canada)
Chia-Jung Chang (Pennsylvania State University, USA)
Yi-Hau Chen (Academia Sinica, Taiwan)
Ming-Yen Cheng (National Taiwan University, Taiwan)
Sang-Hoon Cho (Soongsil University, S. Korea)
Tsai-Hung Fan (National Central University, Taiwan)
Samuel Kou (Harvard University, USA)
Li-Shan Huang (National Tsing Hua University, Taiwan)

M-N Lo Huang (National Sun-Yat-Sen University, Taiwan)
J. T. Gene Hwang (National Chung Cheng University, Taiwan)
Dennis Lin (Pennsylvania State University, USA)
Regina Liu (Rutgers University, USA)
Henry H-S Lu (National Chiao Tung University, Taiwan)
Sahand Negahban (Yale University, USA)
Jianjun Shi (Georgia Institute of Technology, USA)
Sheng-Tsaing Tseng (National Tsing Hua University, Taiwan)

Organizers:

Dennis Lin (Pennsylvania State University), Regina Liu (Rutgers University), Sheng-Tsaing Tseng (National Tsing Hua University)

Schedule of 2013 NCTS International Workshop of “Recent Trends on Statistics” (December 15-16)

Time	December 15 (Sunday)	Time	December 16 (Monday)
09:30 - 10:00 10:00 - 10:10	Registration and Reception Opening Remarks: Winnie Li (Director of NCTS)	9:30 - 10:50	Session IV: Graphs and Edges Chair: Regina Liu (Rutgers University) Speakers: Sahand Negahban (Yale University) Henry Horng-Shing Lu (National Chiao Tung University)
10:10 - 12:10	Session I: SPC and Reliability Chair: Ching-Shui Cheng (Academia Sinica) Speakers: N. Balakrishnan (McMaster University) Tsai-Hung Fan (National Central University) Sheng-Tsaing Tseng (National Tsing Hua University)	10:50 - 11:10	Break
		11:10 - 12:30	Session V: Challenges in Statistical Computing Chair: Dennis Lin (Penn. State University) Speakers: Jianjun Shi (Georgia Institute of Technology) Samuel Kou (Harvard University)
12:10 - 13:30	Lunch	12:30 - 13:30	Lunch
13:30 - 15:30	Session II: Modeling I Chair: Henry H-S Lu (National Chiao Tung University) Speakers: Sang-Hoon Cho (Soongsil University, South Korea) Yi-Hau Chen (Academia Sinica) Li-Shan Huang (National Tsing Hua University)	13:30 - 15:30	Session VI: Design of Experiment & the Undesigned Chair: Li-Shan Huang (National Tsing Hua University) Speakers: Chia-Jung Chang (Penn. State University) Regina Liu (Rutgers University) Dennis Lin (Penn. State University)
15:30 - 15:50	Break		
15:50 - 17:50	Session III: Modeling II Chair: Shao-Wei Cheng (National Tsing Hua University) Speakers: Ming-Yen Cheng (National Taiwan University) Mong-Na Lo Huang (National Sun-Yat-Sen University) J.T. Gene Hwang (National Chung Cheng University)		