

**A Tale of Rare Events — Symposium in Honour of
Louis Chen on his 82nd Birthday
(17 Jun 2022–21 Jun 2022)**



Venue

Hybrid
IMS Auditorium

ORGANIZING COMMITTEE

Chair

Adrian Röllin (National University of Singapore)

Members

Andrew Barbour (Universität Zürich)

Kwok Pui Choi (National University of
Singapore)

Larry Goldstein (University of Southern
California)

Wei-Yin Loh (University of Wisconsin–Madison)

Giovanni Peccati (Université du Luxembourg)

Gesine Reinert (University of Oxford)

Qi-Man Shao (Southern University of Science
and Technology)

Aihua Xia (The University of Melbourne)

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Friday, 17 June 2022		
Time	Title	Speaker
0900–0915	Registration	
0915–0930	Welcome address	
0930–1015	The fourth-moment theorem for U-statistics: Stein's bounds and functional fluctuations	Giovanni Peccati Université du Luxembourg, Luxembourg
1015–1045	<i>Tea Break</i>	
1045–1130	Multivariate normal approximations by Stein's method	Xiao Fang The Chinese University of Hong Kong, China
1130–1330	<i>Lunch Break</i>	
1330–1415	Zero biased enhanced Stein couplings	Larry Goldstein University of Southern California, USA
1415–1445	<i>Tea Break</i>	
1445–1530	The Breuer-Major theorem: old and new	Ivan Nourdin Université du Luxembourg, Luxembourg
Saturday, 18 June 2022		
Time	Title	Speaker
0915–0930	Registration	
0930–1015	Zoom Online Changepoints and probability	David Siegmund Stanford University, USA
1015–1045	<i>Tea Break</i>	
1045–1130	Entropy bounds and optimal couplings for measures on Wiener space	Hans Föllmer Humboldt-Universität zu Berlin, Germany
1130–1330	<i>Lunch Break</i>	
1330–1415	Convolution-type smoothing approach for quantile regression	Xuming He University of Michigan, USA
1415–1445	<i>Tea Break</i>	
1445–1530	Zoom Online Limit theorems for Fishburn matrices	Hsien-Kuei Hwang Academia Sinica, Taipei

Monday, 20 June 2022		
Time	Title	Speaker
0915–0930	Registration	
0930–1015	Stein’s method for exponential random graph models and assessing goodness of fit	Gesine Reinert University of Oxford, UK
1015–1045	<i>Tea Break</i>	
1045–1130	On fixed-domain asymptotics, parameter estimation and isotropic Gaussian random fields with Matérn covariance functions	Wei-Liem Loh National University of Singapore, Singapore
1130–1330	<i>Lunch Break</i>	
1330–1415	Zoom Online Berry-Esseen bounds for general non-normal approximation with unbounded exchangeable pairs	Qi-Man Shao Southern University of Science and Technology, China
1415–1445	<i>Tea Break</i>	
1445–1530	Zoom Online Convergence rate of CLT by Stein method under uncertainty	Shige Peng Shandong University, China
Tuesday, 21 June 2022		
Time	Title	Speaker
0915–0930	Registration	
0930–1015	Spectral density estimation of function-valued spatial processes	Tailen Hsing University of Michigan, USA
1015–1045	<i>Tea Break</i>	
1045–1130	Post-selection inference for regression trees	Wei-Yin Loh University of Wisconsin, Madison, USA
1130–1330	<i>Tea Break</i>	
1330–1415	Metaheuristics for designing efficient large scale complex experiments with theoretical convergence	Kok-Pui Choi National University of Singapore, Singapore Weng Kee Wong UCLA Fielding School of Public Health, USA
1415–1445	<i>Tea Break</i>	
1445–1530	Zoom Online Scale-invariant spatial random networks everywhere?	Wilfrid Kendall University of Warwick, UK

This schedule is accurate as of 16 June @1605. It is subjected to changes.