

Schedule – 9th February 2015 (Monday)

Venue: Room 1603, Senate Room, Lee Ka Shing Tower (Core M), PolyU

Time	Speaker / Title
9:00-9:25	Opening Ceremony Chairman: Liqun Qi
9:25-9:30	Group photo
9:30-10:10	Ya-xiang Yuan On general p -regularized subproblems for $p > 2$ Chairman: Liqun Qi
10:10-10:30	Break
10:30-11:00	Yuhong Dai All Real Eigenvalues of Symmetric Tensors
11:00-11:30	Shunlong Luo Fisher Information: Classical versus Quantum
11:30-12:00	Jintao Cui A Nonconforming Finite Element Method for an Acoustic Fluid-Structure Interaction Problem Chairman: Li Yuan
12:00-13:30	Lunch
14:00-14:40	Qun Lin 计算数学的教育思考 Chairman: Man-kam Kwong
14:40-15:10	Jialin Hong Stochastic Multi-symplectic Methods for Stochastic Maxwell Equations with Additive Noise
15:10-15:40	Xin Liu A Parallel Line Search Subspace Correction Method for Composite Convex Optimization Chairman: Shunlong Luo
15:40-16:00	Break
16:00-16:30	Heung Wong Modelling spatial time series by graphical models
16:30-17:00	Xia Ji Optimal penalty parameter for C^0 IPDG
17:00-17:30	Yafeng Liu Composite L_q ($0 < q < 1$) Minimization over Polyhedron Chairman: Jialin Hong
17:30-18:10	Discussion Session on Applied Optimization and Operations Research Chairmen: Yuhong Dai and Chi-kin Chan
19:00-21:00	Banquet

Schedule – 10th February 2015 (Tuesday)

Venue: Room 1603, Senate Room, Lee Ka Shing Tower (Core M), PolyU

Time	Speaker / Title
9:00-9:40	Zhi-Ming Ma Transformation of Markov Jump Processes and Applications in Genetic Study Chairman: Xiaojun Chen
9:40-10:10	Qihua Wang How to make model-free feature screening approaches for full data applicable to missing response case? Chairman: Xingqiu Zhao
10:10-10:30	Break
10:30-11:00	Xun Li A Linear-Quadratic Optimal Control Problem for Mean-Field Stochastic Differential Equations in Infinite Horizon
11:00-11:30	Zuoquan Xu Investment under Probability Weighting Chairman: Zhi-ming Ma
11:30-12:10	Discussion Session on Applied Statistics and Financial Mathematics Chairmen: Qihua Wang and Cedric Yiu
12:10-13:40	Lunch
14:10-14:45	Xiaojun Chen Nonconvex Regularized Optimization for Sparse Approximations Chairman: Ya-xiang Yuan
14:45-15:15	Yanping Lin Models on the drug-eluting stents
15:15-15:45	Hehu Xie A Full Multigrid method for Eigenvalue Problem Chairman Qihua Wang
15:45-16:05	Break
16:05-16:35	Li Yuan A Non-staggered NOC Scheme for Computing Two-phase Shallow Granular Flow
16:35-17:05	Tao Zhou The Christoffel function weighted least-squares for stochastic collocation approximations: applications to Uncertainty Quantification Chairman: Yanping Lin
17:05-17:45	Discussion Session on Computational and Engineering Mathematics Chairmen: Jialin Hong and CK Chan
17:45-18:00	Concluding Session Chairman: Ya-xiang Yuan
19:00-21:00	Dinner