

Workshop Schedule

June 27, 2016, Room 204, South Building of AMSS		
8:30 - 9:10, Session Chair: Yu-Hong Dai		
8:30 - 8:50	Opening Ceremony	
8:50 - 9:10	Photo Taking	
9:10 - 10:00, Session Chair: Ya-xiang Yuan		
9:10 - 10:00	On first-order potential reduction algorithms for linear programming	Yinyu Ye
10:00 - 10:20	Coffee Break	
10:20 - 12:00, Session Chair: Jiming Peng		
10:20 - 11:10	Separation, inverse optimization, and decomposition: Connecting the dots	Ted Ralphs
11:10 - 12:00	Towards higher quality and faster speed in large-scale k-means clustering	Yin Zhang
12:00 - 14:00	Lunch (4th floor of Wuke Restaurant)	
14:00 - 15:40, Session Chair: Thorsten Koch		
14:00 - 14:50	Analysing large biological data: can networks help us?	Tim Conrad
14:50 - 15:40	Dynamic resource allocation for energy efficient transmission in digital subscriber lines	Zhi-Quan Luo
15:40 - 16:00	Coffee Break	
16:00 - 18:00, Session Chair: Zhi-Quan Luo and Anthony Man-Cho So		
16:00 - 18:00	Poster Session	
18:00	Dinner (4th floor of Wuke Restaurant)	

June 28, 2016, Room 204, South Building of AMSS		
8:20 - 10:00, Session Chair: Zhi-Quan Luo		
8:20 - 9:10	Stochastic dual Newton ascent for empirical risk minimization	Peter Richtarik
9:10 - 10:00	Accelerated randomized primal-dual coordinate methods for empirical risk minimization	Lin Xiao
10:00 - 10:20	Coffee Break	
10:20 - 12:00, Session Chair: Peter Richtarik		
10:20 - 11:10	Same, same, but different: a mostly discrete tour through optimization	Thorsten Koch
11:10 - 12:00	Branch-and-Cut for nonlinear chance-constrained problems with applications to hydro scheduling	Giacomo Nannicini
12:00 - 14:00	Lunch (4th floor of Wuke Restaurant)	
14:00 - 15:40, Session Chair: Zhijun Wu		
14:00 - 14:50	Penalty methods for a class of non-Lipschitz optimization problems	Xiaojun Chen
14:50 - 15:40	Barzilai-Borwein step size for stochastic gradient descent	Shiqian Ma
15:40 - 16:00	Coffee Break	
16:00 - 18:00, Session Chair: Xiaojun Chen and Thorsten Koch		
16:00 - 18:00	Poster Session	
18:00	Dinner (4th floor of Wuke Restaurant)	

June 29, 2016, Room 204, South Building of AMSS		
8:20 - 10:00, Session Chair: Xiaojun Chen		
8:20 - 9:10	High-order sparse modeling with applications	Zongben Xu
9:10 - 10:00	Towards understanding the convergence behavior of Newton-type methods for structured convex optimization problems	Anthony Man-Cho So
10:00 - 10:20	Coffee Break	
10:20 - 12:00, Session Chair: Ya-Feng Liu		
10:20 - 11:10	Clique relaxations in network analysis	Sergiy Butenko
11:10 - 12:00	Uncertain linear optimization, asset inequality and vulnerability of financial networks	Jiming Peng
12:00 - 14:00	Lunch (4th floor of Wuke Restaurant)	
14:00 - 15:40, Session Chair: Zaikun Zhang		
14:00 - 14:50	Asymmetric proximal point algorithms with moving proximal centers	Deren Han
14:50 - 15:40	A convergent iterative hard thresholding for sparsity and nonnegativity constrained optimization	Naihua Xiu
15:40 - 16:00	Coffee Break	
16:00 - 17:40, Session Chair: Naihua Xiu		
16:00 - 16:50	On efficiently combining limited-memory and trust-region techniques	Ya-xiang Yuan
16:50 - 17:40	Statistical sampling for big data logistic regression	Tong Zhang
17:40 - 18:00, Session Chair: Yu-Hong Dai		
17:40 - 18:00	Closing Ceremony and "Best Poster Award" Announcement	
18:00	Dinner (4th floor of Wuke Restaurant)	