ICCOPT 2016 Tokyo: Program Overview

Summer School

Start	End	Saturday August 6	Sunday August 7
9:00		Registration (NYC)	
	9:45	(9:00-17:00)	(9:00-12:00)
9:45	10:00	Opening Remarks	
10:00		Michael Friedlander Level-set methods for convex optimization @Seminar Hall (NYC)	Antoine Deza Algorithmic and geometric aspects of combinatorial and continuous optimization @Seminar Hall (NYC)
	13:00		
13:00		Lunch	
	14:30		
14:30		Kim-Chuan Toh Large scale convex composite optimization: duality, algorithms and implementations @Seminar Hall (NYC)	Kazuo Murota Convex analysis approach to discrete optimization @Seminar Hall (NYC)
	17:30		
19:00		Summer School Dinner @Reception Hall (NYC)	
	21:00		

Conference

Start	End	Sunday August 7	Monday August 8	Tuesday August 9	Wednesday August 10	Thursday August 11
8:15			Registration (GRIPS)	Registration (GRIPS)		
8:30						
	9:00		(8:15-19:00)	(8:30-19:00)	(8:30-18:30)	(8:30-16:00)
9:00	9:15		Opening	Plenary Francis Bach @1S+	Plenary Florian Jarre @1S+	Parallel Sessions Thu.A
9:15			Plenary Shuzhong Zhang @1S+			
	10:00					
10:00	10:15		Coffee	Coffee	Coffee	Coffee
10:15	10:30				Semi-plenaries E. Hazan @1S Y.H. Dai @m3S	
10:30	10:45		Parallel Sessions Mon.A	Parallel Sessions Tue.A		Parallel Sessions Thu.B
10:45						
	11:15				Semi-plenaries K. Fujisawa @1S E. Delage @m3S	
11:30	11:45					
11:45	12:00		Lunch	Lunch		
12:00	12:15				Lunch	Lunch
12:15						
	13:15					
13:15	13:30		Parallel Sessions Mon.B	Parallel Sessions Tue.B	Parallel Sessions Wed.A	Parallel Sessions Thu.C
13:30	13:45					
13:45						
	14:30					
14:45	15:00	Registration (GRIPS)	Coffee	Parallel Sessions Tue.C		Coffee
15:00	15:15				Parallel Sessions Wed.B	
15:15			Semi-plenaries M. Dür @1S C. Uhler @m3S			Semi-plenaries J. Kelner @1S R. Ward @m3S
16:00				Coffee		
16:15	16:30		Best Paper Prize Session @1S		Coffee	Plenary Jong-Shi Pang @1S+
16:30	17:00			Parallel Sessions Tue.D		
17:00	17:15				Parallel Sessions Wed.C	
17:15	17:30		Poster Session and Reception @Foyer (GRIPS 1st floor)			Closing
17:30	17:45					
18:15						
18:30					Student Social @Cafeteria (GRIPS 1st floor)	
19:00			Welcome Reception @Cafeteria (GRIPS 1st floor)	Conference Banquet @Macchan (5-min. walk from GRIPS)		
19:30						
20:30						
22:00						

1S : Soukairou Hall (GRIPS 1st Floor)
1S+ : Soukairou Hall and Meeting Rooms 1A-1C (GRIPS 1st Floor)
m3S : Auditorium (National Art Center, Tokyo, 3rd Floor)

If you click the time slot of Parallel Sessions or a Poster Session, you can jump to the detailed list of presentations of the session.

fl	room				
			Mon.A 10:45-12:00 Monday, August 8th		
1st floor of GRIPS	1S (Soukairou Hall)	NO	**Nonlinear Optimization and Its Applications I**		DP Robinson
			Frank E Curtis	Self-correcting Variable-Metric Algorithms for Nonlinear Optimization	
			Lorenz T Biegler	Solving MPCCs with IPOPT	
			Andreas Waechter	A Logical Benders Decomposition Algorithm for Binary-constrained Quadratic Programs with Complementarity Constraints	
	1A (Meeting Room 1A)	NO	**Methods for Large-Scale Problems**		F Rinaldi
			Joe Naoum-Sawaya	Column Generation Approach for the Interceptor Vehicle Routing Problem	
			James T Hungerford	A Partially Aggregated Dantzig Wolfe Decomposition Algorithm for Multi-Commodity Flows	
			Emanuele Frandi	Scalable and Sparse Optimization in Machine Learning via Frank-Wolfe Methods	
	1B (Meeting Room 1B)	PDE-O	**Inverse Problems**		T Takeuchi
			Takaaki Nara	A Direct Reconstruction Formula for the Conductivity and Permittivity from the Measurements of the Time-harmonic Magnetic Field	
			Benny Hon	Finite Integration Method for Inverse Heat Conduction Problems	
			Leevan Ling	Numerical Differentiation by Kernel-based Probability Measures	
	1C (Meeting Room 1C)	DSO	**Derivative-free and Simulation-based Optimization with Surrogate Models**		F Rinaldi/Z Zhang
			Anne-Sophie Crélot	Surrogate Strategies for Mixed-Variable Derivative-free Optimization	
			Giacomo Nannicini	RBFOpt: An Open-Source Library for Surrogate Model Based Optimization	
			Christine A Shoemaker	Efficient Mulit Objective Surrogate Global Optimization in Parallel with MOPLS and pySOT Toolbox	
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Role of Optimization in Graphical Models Inference**		A Mittal
			Kei Hirose	Robust Estimation for Gaussian Graphical Modeling and Its Application to Gene Expression Data	
			Muneki Yasuda	Approximate Techniques for Boltzmann Machines	
			Areesh Mittal	Changing Graph Structure for Performing Fast, Approximate Inference in Graphical Models	
	4B (Research Meeting Room 4B)	PDE-O	**Algorithmic Advances in PDE-constrained Optimization**		A Schiela
			Martin Siebenborn	Shape Optimization Algorithms for Inverse Modeling in Extreme Scales	
			Sebastian Goetschel	Non-uniform Adaptive Lossy Trajectory Compression for Optimal Control of Parabolic PDEs	
			Anton Schiela	An Affine Covariant Composite Step Method for Optimization with PDEs as Equality Constraints	
5th floor of GRIPS	5A (Lecture Room A)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5C (Lecture Room C)	M-OVO	**Solutions of Equilibrium Problems: Computation and Stability**		A Schwartz
			Axel Dreves	How to Select a Solution in GNEPs	
			Sonja Steffensen	An Interior Point Algorithm for Equality Constrained GNEPs	
			Michal Cervinka	Stability and Sensitivity Analysis of Stationary Points in Mathematical Programs with Complementarity Constraints	
	5D (Lecture Room D)	LO	**Various Aspects of Conic Optimization and Mathematical Modeling Systems**		L Faybusovich/T Tsuchiya
			Yongdo Lim	Wasserstein Barycenters of Gaussian Measures	
			Kouhei Harada	A DC Programming Approach for Long-Short Multi-Factor Model	
			Keiichi Morikuni	Implementation of Interior-Point Methods for LP using Krylov Subspace Methods Preconditioned by Inner Iterations	
	5E (Lecture Room E)	RO	**Theory and Applications of Robust Optimization**		M Sim
			Zhi Chen	Distributionally Robust Optimization with Semi-infinite Ambiguity Sets	
			Shuming Wang	Tolerance-driven Appointment Scheduling and Sequencing using Perceived Delay Measures	
			Jianzhe Zhen	Solving Distributionally Robust Multistage Optimization Problems via Fourier-Motzkin Elimination	
	5F (Lecture Room F)	CNO	**Recent Advances on Convergence Rates of First-Order Methods: Part I**		Q Tran-Dinh/I Necoara
			Ion Necoara	Linear Convergence of First-Order Methods for Non-strongly Convex Optimization	
			Alp Yurtsever	A Universal Primal-Dual Convex Optimization Framework	
			Adrien B Taylor	Exact Worst-Case Performance of First-Order Methods for Composite Convex Minimization	
	5G (Lecture Room G)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5H (Lecture Room H)	AFE	**Financial Optimization and Robo Advisors 1**		C Lin
			Frank Wang	Robo-Advisor in China's Market	
				the talk by Changle Lin is cancelled	
	5I (Lecture Room I)	CPO	**Interior-Point Methods and Applications for Conic Optimization**		Y Xia
			Sena Safarina	An Efficient Second-Order Cone Programming Approach for Optimal Selection in Tree Breeding	
			Kei Takemura	A Numerically Stable Primal-Dual Interior-Point Method for SDP	
	5J (Lecture Room J)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5K (Lecture Room K)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5L (Lecture Room L)	CPO	**Moments, Positive Polynomials & Optimization: Part I**		J Nie/JB Lasserre
			Etienne de Klerk	Improved Convergence Rates for Lasserre-Type Hierarchies of Upper Bounds for Box-constrained Polynomial Optimization	
			Xinzhen Zhang	Real Eigenvalues of Nonsymmetric Tensors	
			Panos Parpas	A Multilevel Method for Semidefinite Programming Relaxations of Polynomial Optimization Problems with Structured Sparsity	
3rd floor of NACT	m3S (Auditorium)	SOIP	**Sparse Optimization and Applications**		C Cartis
			Francis Bach	Submodular Functions: From Discrete to Continous Domains	
			Caroline Uhler	Learning Directed Acyclic Graphs Based on Sparsest Permutations	
			Katsuya Tono	A Link between DC Algorithms and Proximal Gradient Methods	
	m3AB (Lecture Rooms A&B)		Another event will be in progress: ICCOPT participants are not allowed to enter.		

fl	room		Mon.B　13:30-14:45　Monday, August 8th	
1st floor of GRIPS	1S (Soukairou Hall)	NO	**Nonlinear Optimization and Its Applications II**	FE Curtis
			Daniel P Robinson — An Evolving Subspace Method for Low Rank Minimization	
			Katya Scheinberg — Convergence Rate of a Trust Region Method for Stochastic Nonconvex Optimization	
			Hao Wang — A Dynamic Penalty Parameter Updating Strategy for Matrix-free Sequential Quadratic Optimization Methods	
	1A (Meeting Room 1A)	NO	**Nonlinear Optimization Solvers**	Y Ye/O Hinder
			Oliver H Hinder — A One Phase Interior Point Method for Non-convex Optimization	
			Yu Watanabe — Inexact Sequential Quadratically Constrained Quadratic Programming Method of Feasible Directions with Global and Superlinear Convergence Properties	
			Roummel Marcia — Shape-changing L-SR1 Trust-Region Methods	
	1B (Meeting Room 1B)	PDE-O	**Advances in PDE-constrained Optimization I**	K Ito/M Ulbrich
			John A Burns — Optimization for Design and Control of Composite Thermal Fluid Systems	
			Constantin Christof — Sensitivity Analysis for Elliptic Variational Inequalities of the Second Kind: A Model Problem and Applications in Optimal Control	
			Johann M Schmitt — Optimal Control of Hyperbolic Balance Laws with State Constraints	
	1C (Meeting Room 1C)	DSO	**Computational and Algorithmic Aspects of Derivative-free Optimization**	F Rinaldi/Z Zhang
			Simon Wessing — Improved Sampling for Two-Stage Methods	
			Dimo Brockhoff — Benchmarking Bi-Objective Derivative-free Optimizers with COCO	
			Sébastien Le Digabel — The Mesh Adaptive Direct Search Algorithm for Discrete Blackbox Optimization	
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Energy Systems and Markets**	A Tomasgard
			Yan Gao — Nonsmooth Equations Approach to the Real-Time Pricing for Smart Grid	
			Somayeh Moazeni — An Energy Storage Deployment Program under Random Discharge Permissions	
			Chiara Bordin — Smart Charging of Electric Vehicles through Indirect Control and Smart Price Signals	
	4B (Research Meeting Room 4B)	AESE	**Optimization in Healthcare**	N Dimitrov
			Murat Karatas — Cyber Defense Based on Network Structure	
			Felix Jost — Personalized Measurement Time Points by Optimum Experimental Design for Mathematical Leukopenia Models	
			Xi Chen — Texas Arbovirus Risk Maps and Uncertainty Analysis	
5th floor of GRIPS	5A (Lecture Room A)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5D (Lecture Room D)	LO	**Optimization over Symmetric Cones and Related Topics**	L Faybusovich
			Thanasak Mouktonglang — Primal-Dual Algorithms for Infinite-dimensional Second-Order Cone Programming Problems and LQ-Problem with Time Dependent Linear Term in the Cost Function	
			Sangho Kum — Incremental Gradient Method for Karcher Mean on Symmetric Cones	
			Bruno F Lourenço — FRA-Poly: Partial Polyhedrality and Facial Reduction	
	5E (Lecture Room E)	RO	**Robust Optimization in Data and Signal Processing**	AMC So
			Karthik Natarajan — On Reduced Semidefinite Programs for Second Order Moment Bounds with Applications	
			Wing Kin Ma — Semidefinite Relaxation of a Class of Robust QCQPs: A Verifiable Sufficient Condition for Rank-One Solutions	
			Man-Chung Yue — Epsilon-Net Techniques for a Class of Uncertain Quadratic Programming and Its Applications in Robust Beamforming with Cognitive Radio Constraints	
	5F (Lecture Room F)	CNO	**Recent Advances on Convergence Rates of First-Order Methods: Part II**	Q Tran-Dinh/I Necoara
			Lasith Adhikari — Limited-Memory Trust-Region Methods for Sparse Reconstruction	
			Cesar A Uribe — Non-asymptotic Convergence Rate for Distributed Learning in Graphs	
			Quoc Tran-Dinh — Adaptive Smoothing Fast Gradient Methods for Fully Nonsmooth Composite Convex Optimization	
	5G (Lecture Room G)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5H (Lecture Room H)	NO	**Optimization in Finance**	M Takac
			Michel Baes — Continuous Selections of Optimal Portfolios	
			Norbert Trautmann — A Hybrid Approach for Tracking the 1/N Portfolio	
			YiKuan Jong — On the Dependency among Asian Currency Exchange Rates under the Influence of Financial Tsunami	
	5I (Lecture Room I)	CPO	**Theoretical and Computational Aspects of Conic Programs**	M Yamashita/M Fukuda
			Ellen H Fukuda — Second-Order Conditions for Nonlinear Semidefinite Optimization Problems via Slack Variables Approach	
			Akihiro Tanaka — Some Tractable Subcones for Testing Copositivity	
			Makoto Yamashita — An Iterative Method using Boundary Distance for Box-constrained Nonlinear Semidefinite Programs	
	5J (Lecture Room J)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5K (Lecture Room K)	CPO	**Conic and Integer Conic Optimization**	T Terlaky/M Anjos/JC Góez
			Nathan Krislock — BiqCrunch: Solving Binary Quadratic Problems Efficiently using Semidefinite Optimization	
			Hongbo Dong — On a Semidefinite Relaxation for the Sparse Linear Regression Problem	
			Julio C Goez — Disjunctive Conic Cuts for Mixed Integer Second Order Cone Optimization	
	5L (Lecture Room L)	CPO	**Moments, Positive Polynomials & Optimization: Part II**	J Nie/JB Lasserre
			Gonzalo Munoz — LP Approximations to Polynomial Optimization Problems with Small Tree-Width	
			Amir A Ahmadi — Robust to Dynamics Optimization (RDO)	
			Guoyin Li — Error Bounds for Parametric Polynomial Systems with Applications to Higher-Order Stability Analysis and Convergence Rate	
3rd floor of NACT	m3S (Auditorium)	CNO	**Stochastic Optimization**	F Bach
			Elad Hazan — Second-Order Optimization for Machine Learning in Linear Time	
			Julien Mairal — Proximal Minimization by Incremental Surrogate Optimization (MISO)	
			Guanghui Lan — An Optimal Randomized Incremental Gradient Method	
	m3AB (Lecture Rooms A&B)	M-OVO	**Set Optimization: Advances and Applications**	AH Hamel
			Carola Schrage — Set-valued Variational Inequalities in Vector Optimization	
			Giovanni P Crespi — Introducing Well-Posedness to Set-Optimization	
			Andreas H Hamel — The Fundamental Duality Formula in Convex Set Optimization	

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			Tue.A　10:30-11:45　Tuesday, August 9th	
1st floor of GRIPS	1S (Soukairou Hall)	NO	**Nonlinear Optimization Algorithms and Their Complexity II**	P Toint
			Mohammadreza Samadi	A Trust Region Algorithm with a Worst-Case Iteration Complexity of $O(\varepsilon^{-3/2})$ for Nonconvex Optimization
			Philippe Toint	Second-Order Optimality and (Sometimes) Beyond
	1A (Meeting Room 1A)	NO	**Nonconvex and Non-Lipschitz Optimization: Algorithms and Applications 1**	YF Liu
			Simon Foucart	Sparse Recovery via Nonconvex Optimization, with Application in Metagenomics
			Xiaojun Chen	Penalty Methods for a Class of Non-Lipschitz Optimization Problems
			Takayuki Okuno	A Continuous DC Programming Approach to Nonlinear Mixed Integer Programs
	1B (Meeting Room 1B)	PDE-O	**Advances in PDE-constrained Optimization II**	M Ulbrich/K Ito
			Ariana Pitea	A Geometric Approach of Some Multitime Multiobjective Variational Problems
			Livia Susu	Optimal Control of Nonsmooth Semilinear Parabolic Equations
			Sven Leyffer	Mixed-Integer PDE-constrained Optimization
	1C (Meeting Room 1C)	DSO	**Derivative-free Optimization Methods for Structured Problems**	F Rinaldi/Z Zhang
			Laurent Dumas	A New DFO Algorithm for the Optimization of Partially Separable Functions
			John P Eason	A Trust Region Method for Glass Box/Black Box Optimization
			Stefan M Wild	Model-based Methods for Composite Blackbox Optimization
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Dynamics and Optimal Control**	JA Gomez
			Bulat Khusainov	Multi-Objective Co-Design for Embedded Optimization-based Control
			Anil V Rao	Novel Computational Framework for the Numerical Solution of Constrained Optimal Control Problems
			Jose A Gomez	Optimization of Dynamic Systems with Linear Programs Embedded and Its Application to Sustainable Biofuels Production
	4B (Research Meeting Room 4B)	AFE	**Financial Optimization and Robo Advisors 2**	G Jun
			Yongjae Lee	Goal Based Investment via Multi-Stage Stochastic Programming for Robo-Advisor Service — Part I: Modeling Issues
			Do-gyun Kwon	Goal Based Investment via Multi-Stage Stochastic Programming for Robo-Advisor Service — Part II: Implementation Issues
			Gyun Jeon	Asian Perspective on 'Robo-Advisor': Case of Korean Market
5th floor of GRIPS	5A (Lecture Room A)	M-OVO	**Robust Multi-Objective Optimization Problems**	GM Lee
			Chuong Thai Doan	Necessary Optimality Conditions for Nonsmooth Multiobjective Bilevel Optimization Problems
			Satoshi Suzuki	Surrogate Duality for Quasiconvex Vector Optimization with Data Uncertainty
			Sangwoon Yun	A Coordinate Descent Homotopy Method for Bi-Level Problem and Linearly Constrained Minimization
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5D (Lecture Room D)	LO	**Theoretical Advances in Linear Optimization — Barrier Methods**	AD Sidford/YT Lee
			Yin Tat Lee	A Faster Algorithm for Linear Programming and the Maximum Flow Problem
			Aaron D Sidford	A Faster Algorithm for Linear Programming and the Maximum Flow Problem
			Jakub Pachocki	Geometric Median
	5E (Lecture Room E)	RO	**On the Interplay of Choice, Robustness and Optimization**	K Natarajan
			Zhenzhen Yan	Multi-Product Pricing Optimization with Robust Choice Model
			Xiaobo Li	Analysis of Discrete Choice Models: A Welfare-based Approach
			Selin D Ahipasaoglu	Distributionally Robust Project Crashing with Full, Partial or No Correlation Information
	5F (Lecture Room F)	SOIP	**Sparse Solution Reconstruction in Inverse Problems**	E Resmerita
			Thomas Möllenhoff	Precise Relaxation of Nonconvex Energies via Structured Sparsity
			Daniel Gerth	On Convergence of Sparsity-promoting Regularization for Non-sparse Solutions
			Elena Resmerita	Variable Exponent Penalties for Sparse Solution Reconstruction
	5G (Lecture Room G)	OIS	**Advances in Optimization Modeling Languages**	J Siirola
			Bethany Nicholson	Modeling Abstractions and Automatic Discretization Frameworks for Optimization Problems with Differential Equations in Pyomo
			John D Siirola	New Developments in Pyomo
	5H (Lecture Room H)	M-OVO	**Vector Optimization**	A Loehne
			Andreas Loehne	A Set-valued Approach to Matrix Games with Vector Payoffs
			Benjamin Weissing	Duality in Polyhedral Projection Problems
				the talk by Shashi K Mishra has been cancelled
	5I (Lecture Room I)	CPO	**Geometry and Algorithms for Conic Programming**	M Muramatsu
			Henrik A Friberg	Facial Reduction in MOSEK
			Leonid Faybusovich	Primal-Dual Potentiai-Reduction Algorithm for Symmetric Programming Problem with Nonlinear Objective Function
			Gabor Pataki	Exact Duals and Short Certificates of Infeasibility and Weak Infeasibility in Conic Linear Programming: Part 1
	5J (Lecture Room J)	CNO	**Recent Advances in Splitting Methods for Large-Scale Convex Programming: Part I**	X Yuan/C Chen
			Wenxing Zhang	Lattice-based Patterned Fabric Inspection by Sparse and Low-Rank Representation
			WenYi Tian	Faster Alternating Direction Method of Multipliers with an $O(1/n^2)$ Convergence Rate
			Yuan Shen	An Alternating Minimization Algorithm for Robust Principal Component Analysis
	5K (Lecture Room K)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5L (Lecture Room L)	CNO	**Notions of Robustness and Dynamics in Convex Optimization: Part I**	B Recht/PA Parrilo
			Maryam Fazel	An Optimal First Order Method based on Optimal Quadratic Averaging
			Francois Glineur	Convergence of First-Order Algorithms for Convex Optimization using Inexact Information
			Alexander Rakhlin	On Equivalence between Deterministic First-Order Optimization Algorithms and Martingale Inequalities
3rd floor of NACT	m3S (Auditorium)		The National Art Center, Tokyo will be closed on Tuesday.	
	m3AB (Lecture Rooms A&B)		The National Art Center, Tokyo will be closed on Tuesday.	

fl	room				
			Tue.B 13:15-14:30 Tuesday, August 9th		
1st floor of GRIPS	**1S** (Soukairou Hall)	NO	**Nonlinear Optimization Algorithms and Their Complexity I**		P Toint
			Sandra A Santos	Evaluation Complexity for Nonlinear Constrained Optimization using Unscaled KKT Conditions and High-Order Models	
			Oleg Burdakov	Limited Memory Algorithms with Cubic Regularization	
			Zaikun Zhang	A Space Transformation Framework for Nonlinear Optimization	
	1A (Meeting Room 1A)	NO	**Nonconvex and Non-Lipschitz Optimization: Algorithms and Applications 2**		YF Liu
			Feng Min Xu	Theory and Algorithms for Sparse Finance Optimization	
			Wei Bian	Optimality and Some Numerical Analysis for Constrained Optimization Problems with Nonconvex Regularization	
	1B (Meeting Room 1B)	PDE-O	**Numerical Methods for PDE-constrained Optimization under Uncertainty**		M Ulbrich
			Reinhold Schneider	Hierarchical Tensor Approximation for Optimal Control with Uncertain Coefficients	
			Oliver Lass	A Second Order Approximation Technique for Robust Optimization in Parametrized Shape Optimization	
			Michael Ulbrich	Constrained Optimization with Low-Rank Tensors and Applications to Problems with PDEs under Uncertainty	
	1C (Meeting Room 1C)	DSO	**Advances in Derivative-free and Simulation-based Optimization I**		F Rinaldi/Z Zhang
			Geovani N Grapiglia	Nonmonotone Derivative-free Trust-Region Algorithms for Composite Nonsmooth Optimization	
			Ubaldo M García-Palomares	An Approach for Solving Mixed Integer Nonlinear Optimization Problems via Derivative Free Optimization Techniques	
			Dmitri E Kvasov	On Numerical Comparison of Deterministic and Stochastic Derivative-free Global Optimization Algorithms	
4th floor of GRIPS	**4A** (Research Meeting Room 4A)	AESE	**Energy Systems I**		AW Dowling
			Claudia D'Ambrosio	Strong Valid Inequalities for the Standard Pooling Problem	
			Rui Huang	Challenges and Opportunities for Optimization-based Workflow in Industry	
			Alexander W Dowling	A Stochastic Programming Framework for Multi-Stakeholder Decision-Making and Conflict Resolution	
	4B (Research Meeting Room 4B)	AFE	**Asset-Liability Management**		WC Kim
			Woong Bee Choi	Extending the Scope of ALM to Social Investment — Investing in Population Growth to Enhance Sustainability of Korea National Pension Service	
			Chong H Won	The Peculiarity of Liability of National Pension in Korea and the Way to Sustain Pension Scheme	
			Woo Chang Kim	Personalized Asset-Liability Management Service: Products, Markets, Regulations and Technologies	
5th floor of GRIPS	**5A** (Lecture Room A)	M-OVO	**Bilevel Optimization: Theory and Solution Methods**		A Zemkoho
			Stephan Dempe	Solution Algorithm for Optimistic Bilevel Optimization Problems	
			Alain Zemkoho	Newton Method for Bilevel Optimization	
			Patrick Mehlitz	Stationarity Concepts for Bilevel Optimization Problems with Lower Level Constraints in Lebesgue Spaces	
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5D (Lecture Room D)	LO	**Theoretical Advances in Linear Optimization — Sampling Methods**		AD Sidford/YT Lee
			Hariharan Narayanan	Randomized Interior Point Methods for Sampling and Optimization	
			Santosh S Vempala	Geodesic Gliding and Polytope Sampling	
			Jacob Abernethy	Faster Convex Optimization: Simulated Annealing with an Efficient Universal Barrier	
	5E (Lecture Room E)	RO	**Robust Optimization: Theory and Applications**		V Goyal
			Phebe Vayanos	Robust Wait Time Estimation in Resource Allocation Systems with an Application to Kidney Allocation	
			Melvyn Sim	Satisficing Awakens: Models to Mitigate Uncertainty	
			Vineet Goyal	Piecewise Affine Policies for Two-Stage Robust Optimization under Demand Uncertainty	
	5F (Lecture Room F)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5G (Lecture Room G)	OIS	**Parallel Implementations and Algorithms for Continuous Optimization**		C Laird
			Jose S Rodriguez	A Parallel Nonlinear Interior-Point Approach for Dynamic Optimization Problems	
			Jean-Paul Watson	Parallel Scenario-based Decomposition Methods for Solving the Contingency-constrained AC Optimal Power Flow Problem	
			Ai Kagawa	The Rectangular Maximum Agreement Problem	
	5H (Lecture Room H)	RO	**Robust Optimization and Applied Probability**		Y Guan
			Matthew D Norton	Buffered Probability of Exceedance, A New Characterization of Uncertainty and Application to Support Vector Machines and Robust Optimization	
			Ye Wang	Applications of the Earth Mover's Distance in Optimization	
	5I (Lecture Room I)	CPO	**Geometry, Duality and Complexity in Conic Linear Programming I**		G Pataki
			Minghui Liu	Exact Duals and Short Certificates of Infeasibility and Weak Infeasibility in Conic Linear Programming: Part 2	
			Preston E Faulk	Preprocessing Semidefinite Programs	
			Takashi Tsuchiya	Solving SDP Completely with an Interior-Point Oracle	
	5J (Lecture Room J)	CNO	~~Recent Advances in Splitting Methods for Large-Scale Convex Programming: Part II~~—SESSION CANCELLED		X Yuan/C Chen
	5K (Lecture Room K)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5L (Lecture Room L)	CNO	**Notions of Robustness and Dynamics in Convex Optimization: Part II**		B Recht/PA Parrilo
			Laurent Lessard	Automating the Analysis and Design of Large-Scale Optimization Algorithms	
			Nathan Srebro	Stability as the Master Force Behind Stochastic Gradient Descent	
			Benjamin Recht	Stochastic Robustness of Gradient Methods	
3rd floor of NACT	**m3S** (Auditorium)		The National Art Center, Tokyo will be closed on Tuesday.		
	m3AB (Lecture Rooms A&B)		The National Art Center, Tokyo will be closed on Tuesday.		

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		Tue.C 14:45-16:00 Tuesday, August 9th			
1st floor of GRIPS	**1S** (Soukairou Hall)	NO	**Optimization in Machine Learning I**		J Griffin/W Zhou
			Scott R Pope	Combining Information from Second-Order Solvers and SGD	
			Wenwen Zhou	A Modified Conjugate Gradient Method with Warm-Starts for Large-Scale Nonconvex Optimization Problems	
	1A (Meeting Room 1A)	NO	**Nonconvex and Non-Lipschitz Optimization: Algorithms and Applications 3**		YF Liu
			Bo Jiang	Structured Nonconvex Optimization Models: Algorithms and Iteration Complexity Analysis	
			Yun Shi	Numerical Algorithms for PDE-constrained Optimization with Non-convex Non-smooth Objectives	
			Ya-Feng Liu	Composite L_q ($0<q<1$) Minimization over Polyhedron	
	1B (Meeting Room 1B)	PDE-O	**Optimal Control of Coupled Systems**		R Herzog
			Sven-Joachim Kimmerle	Optimal Control of a Coupled System of a Vehicle Transporting a Fluid Subject to Shallow Water Equations	
			Ailyn Stötzner	Optimal Control of Thermoviscoplasticity	
			Cedric Sehrt	Optimal Control of Scalar Transport in Incompressible Fluid Flow	
	1C (Meeting Room 1C)	DSO	**Randomized Methods and Stochastic Problems**		F Rinaldi/Z Zhang
			Enlu Zhou	Gradient-based Stochastic Search for Simulation Optimization	
			Hiva Ghanbari	AUC Maximization and Tuning Parameters of Cost Sensitive Logistic Regression via Derivative Free Optimization	
			Raghu Pasupathy	Adaptive Sampling Recursions for Simulation Optimization	
4th floor of GRIPS	**4A** (Research Meeting Room 4A)	AESE	**Energy Systems II**		F Gilbert
			Morteza Ashraphijuo	A Strong Semidefinite Programming Relaxation of the Unit Commitment Problem	
			Mouhacine Benosman	Data-driven Optimal Reduced Order Model Tuning for Partial Differential Equations: Application to the 3D Boussinesq Equation	
			Francois Gilbert	Handling Dynamic Constraints in Power System Optimization	
	4B (Research Meeting Room 4B)	CVI	**Applications of Complementarity Models: Sparsity and Games**		S Cui
			Alexandra Schwartz	A Reformulation of Sparse Optimization Problems using Complementarity-Type Constraints	
			Andrew Lu Liu	Distributed Algorithms for Potential Generalized Nash Equilibrium Problems (GNEPs) and Nonseparable Optimization Problems	
			Tatsuya Hirano	Multi-Leader Single-Follower Game between Suppliers with a Manufacturer	
5th floor of GRIPS	**5A** (Lecture Room A)	M-OVO	**Convex Optimization for Learning and Data Sciences**		S Villa
			Hongzhou Lin	A Universal Catalyst for First-Order Optimization	
			Lorenzo A Rosasco	Less is More: Optimal Learning with Stochastic Projection Regularization	
			Silvia Villa	Computational Regularization in Learning and Inverse Problems	
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5D (Lecture Room D)	LO	**Theoretical Advances in Linear Optimization — New Perspectives**		AD Sidford/YT Lee
			Di Wang	Faster Approximation for Packing and Covering LPs	
			Damian Straszak	Slime Molds and Sparse Recovery	
			Daniel N Dadush	Solving Linear Programs via Rescalable Geometry	
	5E (Lecture Room E)	RO	**Ambiguity-aware Decision Making under Uncertainty**		R Jiang
			Yongpei Guan	Risk-averse Stochastic Unit Commitment with Incomplete Information	
			Ruiwei Jiang	Two-Stage Stochastic Program with Distributional Ambiguity	
			Siqian Shen	Distributionally Robust Chance-constrained Bin Packing Problem	
	5F (Lecture Room F)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5G (Lecture Room G)	OIS	**Numerical Methods for Large Scale Nonlinear Optimisation**		C Bueskens
			Sören Geffken	Parametric Sensitivity Analysis within Sequential Quadratic Programming — Post Optimality Analysis of Subproblems	
			Renke Schäfer	Implementation of a Penalty-Interior-Point Algorithm within WORHP	
			Christian Kirches	SQP Methods and QP Hot-starting for Nonlinear Model Predictive Control	
	5H (Lecture Room H)	AFE	**Financial Decision Making under Distress**		J Chen
			Chanaka Edirisinghe	To Track or Not to Track: Can Economic and Financial Indicators Help Smart-Beta Funds?	
			Shushang Zhu	Optimally Manage Crash Risk	
			Jingnan Chen	Optimal Portfolio Deleveraging under Cross-Asset Price Pressure	
	5I (Lecture Room I)	CPO	**Geometry, Duality and Complexity in Conic Linear Programming II**		G Pataki
			Frank N Permenter	A Reduction Method for SDP Based on Projection Lattices and Jordan Algebras	
			Shota Yamanaka	Duality of a Generalized Absolute Value Optimization Problem	
			Masakazu Muramatsu	Weak Infeasibility, Facial Reduction, and Geometry in Second-Order Cone Programming	
	5J (Lecture Room J)	CNO	**Fast Inertial Proximal-Gradient Methods for Structured Optimization: $O(1/k^2)$ and Beyond**		H Attouch
			Hedy Attouch	The Rate of Convergence of Nesterov's Accelerated Forward-Backward Method is Actually Faster Than $1/k^2$	
			Juan Peypouquet	A Fast Convergent First-Order Method bearing Second-Order Information	
			Garrigos Guillaume	Convergence Rates in Convex Optimization: Going beyond the Worst-Case Analysis	
	5K (Lecture Room K)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5L (Lecture Room L)	CNO	**Notions of Robustness and Dynamics in Convex Optimization: Part III**		B Recht/PA Parrilo
			Venkat Chandrasekaran	Fitting Convex Sets to Data via Matrix Factorization	
			Pablo A Parrilo	Switched System Analysis via Dual/Sum-of-Squares Techniques	
3rd floor of NACT	**m3S** (Auditorium)		The National Art Center, Tokyo will be closed on Tuesday.		
	m3AB (Lecture Rooms A&B)		The National Art Center, Tokyo will be closed on Tuesday.		

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			Tue.D	16:30-17:45 Tuesday, August 9th	
1st floor of GRIPS	**1S** (Soukairou Hall)	NO	**Large-Scale Nonlinear Optimization**		R Marcia/J Erway
			William W Hager	An Active Set Algorithm for Nonlinear Optimization with Polyhedral Constraints	
			Joshua D Griffin	A New Successive Subspace Method for Solving the Trust-Region Subproblem	
			Elizabeth Wong	Methods for Large- and Medium-Scale Nonlinear Optimization	
	1A (Meeting Room 1A)	NO	**Nonconvex and Non-Lipschitz Optimization: Algorithms and Applications 4**		YF Liu
			Dong Kang	New Strategies of Stochastic RBF Method for Expensive Black-Box Global Optimization	
			Cheng Chen	A Subspace Multilevel Method for Nonlinear Optimization	
			Zhilong Dong	A General Proximal Quasi-Newton Method for Large Scale l_1 Penalized Optimization Problem	
	1B (Meeting Room 1B)	PDE-O	**PDE Optimization and Applications I**		T Takeuchi
			Tomoaki Hashimoto	Receding Horizon Control for Spatiotemporal Dynamic Systems	
			Kentaro Yaji	Topology Optimization for Fluid Dynamics Problems and Its Applications in Flow Channel Design	
			Masato Kimura	Shape Optimization Approach to Free Boundary Problems by Traction Method	
	1C (Meeting Room 1C)	DSO	**Advances in Derivative-free and Simulation-based Optimization II**		F Rinaldi/Z Zhang
			Alessandra Papini	An Implicit Filtering-based Algorithm for Derivative Free Multiobjective Optimization	
			Margherita Porcelli	Global Derivative-free Quasi-Newton Methods for Bound-constrained Nonlinear Systems	
			Warren L Hare	Using Inexact Subgradients to Compute Proximal Points of Convex Functions	
4th floor of GRIPS	**4A** (Research Meeting Room 4A)	AESE	**Optimization Models in Energy**		J Lavaei
			Abdulrahman Kalbat	Optimal Distributed Control of Power Systems with a High Level of Renewable Energy	
			Javad Lavaei	Power System State Estimation with a Limited Number of Measurements	
				the talk by Marc D Vuffray is cancelled and the other talks are slided to the 1st and 2nd spots	
	4B (Research Meeting Room 4B)	CVI	**Stochastic Optimization and Variational Inequality Problems**		M Wang/S Cui
			Shisheng Cui	On the Analysis of Three Stochastic Extragradient Variants for Monotone Stochastic Variational Inequality Problems	
			Yue Xie	On the Resolution of Complementarity Formulations of the L_0-Norm Minimization Problem via ADMM Schemes	
			Sun Jie	A Distributionally Robust Model for Three Stage Stochastic Linear Optimization	
5th floor of GRIPS	**5A** (Lecture Room A)	M-OVO	**Generalized Convexity and Set Optimization**		D Kuroiwa
			Matteo Rocca	Robust Vector Optimization: Well-Posedness, Sensitivity to Uncertainty and Generalized Convexity of Set-valued Maps	
			Daishi Kuroiwa	Unified Approach in Set Optimization and Generalized Convexity for Set-valued Maps	
			Kazuki Seto	Generalized Convexity for Set-valued Maps and Its Applications	
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5D (Lecture Room D)	SOIP	**Sparse and Low Rank Approximation**		C Cartis
			John Wright	Nonconvex Recovery of Low Complexity Models	
			Mahdi Soltanolkotabi	Breaking Sample Complexity Barriers via Nonconvex Optimization?	
			Rachel Ward	A Semidefinite Relaxation for Computing Distances between Metric Spaces	
	5E (Lecture Room E)	RO	**Recent Advances in Data-driven Optimization**		V Gupta
			Adam Elmachtoub	Smart "Predict, Then Optimize"	
			Paul Grigas	An Extended Frank-Wolfe Method with "In-Face" Directions, and Its Application to Low-Rank Matrix Completion	
			Vishal Gupta	Empirical Bayes and Optimization in the Small-Data Regime	
	5F (Lecture Room F)		No session		
	5G (Lecture Room G)	LO	**Linear Optimization and Computation**		SD Ahipasaoglu/G Nannicini
			Roland Wunderling	Improving the CPLEX LP Solver	
			Matthias Miltenberger	LP Solution Polishing to Improve MIP Performance	
			Soomin Lee	Primal-Dual Method for Decentralized Online Optimization	
	5H (Lecture Room H)	AFE	**Optimization in Portfolio Selection and Risk Management**		D Li
			Moris S Strub	Portfolio Optimization with Non-recursive Reference Point Updating	
			Jianjun Gao	On Multiperiod Mean-CVaR Portfolio Optimization	
			Duan Li	Quadratic Convex Reformulations for Semi-continuous Quadratic Programming and Its Application in Cardinality Constrained Mean-Variance Portfolio Selection	
	5I (Lecture Room I)	CPO	**Barriers in Conic Optimization**		R Hildebrand
			Cristobal Guzman	New Upper Bounds for the Density of Translative Packings of Three-dimensional Convex Bodies with Tetrahedral Symmetry	
			Ronen Eldan	The Entropic Barrier: A Universal and Optimal Self Concordant Barrier	
			Roland Hildebrand	Barriers on Symmetric Cones	
	5J (Lecture Room J)	CNO	**Primal-Dual Algorithm for Convex Optimization**		Q Lin
			Peter Richtarik	Stochastic Dual Ascent for Solving Linear Systems	
			Antonin Chambolle	Remarks on Acceleration for Primal-Dual Algorithms	
			Lin Xiao	Stochastic Primal-Dual Coordinate Method for Regularized Empirical Risk Minimization	
	5K (Lecture Room K)	CS	**First Order Methods and Applications**		CHJ Pang
			Masaru Ito	An Adaptive Restarting for Universal Gradient Method of Minimizing Strongly Convex Functions	
			Naoki Ito	Fast Accelerated Proximal Gradient Method and Its Application to Unified Classification Algorithm	
			CH Jeffrey Pang	The Supporting Halfspace-quadratic Programming Strategy for the Dual of the Best Approximation Problem	
	5L (Lecture Room L)	CPO	**Algebraic Methods in Polynomial Optimization**		AA Ahmadi
			Greg Blekherman	Spectrahedral Cones with Rank 1 Extreme Rays, Sums of Squares and Matrix Completion	
			Ahmadreza Marandi	The Bounded SOS Hierarchy for Bilinear Programming	
			Jiawang Nie	Positive Maps and Separable Matrices	
3rd floor of NACT	**m3S** (Auditorium)		The National Art Center, Tokyo will be closed on Tuesday.		
	m3AB (Lecture Rooms A&B)		The National Art Center, Tokyo will be closed on Tuesday.		

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			Wed.A 13:45-15:00 Wednesday, August 10th		
1st floor of GRIPS	1S (Soukairou Hall)	NO	**MIP + NLP**		O Gunluk
			Sanjeeb Dash	Optimization over Structured Subsets of Positive Semidefinite Matrices via Column Generation	
			Andy Sun	Cutting Planes to Strengthen Second Order Conic Relaxation of the OPF Problem	
			Oktay Gunluk	Solving Box-constrained Nonconvex QPs	
	1A (Meeting Room 1A)	NO	**Optimization Methods for Inverse Problems 1**		X Liu/Y Wang
			Yanfei Wang	Seismic Diffraction Extraction for Discontinuous Geologies using Sparse Regularization	
			Cong Sun	On a Special Structured Matrix Problem	
			Ran Gu	Semidefinite Penalty Method for Quadratically Constrained Quadratic Programming	
	1B (Meeting Room 1B)	PDE-O	**PDE Optimization and Applications II**		T Takeuchi
			Yikan Liu	Iterative Thresholding Algorithm for Inverse Source Problems for Hyperbolic-Type Equations	
			Genta Kawahara	Optimization of Heat Transfer in Plane Couette Flow	
			Takeshi Ohtsuka	Optimal Control Problem for Allen-Cahn Type Equation Associated with Total Variation Energy	
	1C (Meeting Room 1C)	DSO	**Theoretical Aspects of Derivative-free Optimization**		F Rinaldi/Z Zhang
			Anne Auger	On the Linear Convergence of Comparison-based Step-size Adaptive Randomized Search	
			Serge Gratton	Direct Search Based on Inaccurate Function Values	
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Data and Networks I**		AU Raghunathan
			Ermin Wei	Parallel Multi-splitting Proximal Method	
			Arvind U Raghunathan	Dual Decomposition and Nonsmooth Equations	
	4B (Research Meeting Room 4B)	CVI	**Vector Variational Inequalities and Applications**		SK Mishra
			Jein-Shan Chen	On New Discrete-Type Complementarity Functions	
			Balendu B Upadhyay	On Relations between Vector Variational-like Inequalities and Vector Optimization Problems in Asplund Spaces	
			Mengdi Wang	Online Markovian Decision Problems as a Stochastic Minimax Problem	
5th floor of GRIPS	5A (Lecture Room A)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5D (Lecture Room D)	LO	**Computational and Complexity Challenges for Linear Conic Optimization**		M Anjos
			Leo S Liberti	A Random Projection Method for Solving Linear Programs	
			Tamás Terlaky	A Polynomial Column-wise Rescaling von Neumann Algorithm	
			Miguel Anjos	Computational Study of Some Valid Inequalities for k-Way Graph Partitioning	
	5E (Lecture Room E)	RO	**Advances in Robust Optimization I**		O Nohadani
			Anil Aswani	Numerical Solution of Bilevel Programs using a Duality-based Approach	
			Edwin Romeijn	Accounting for the Tongue-and-Groove Effect in IMRT Treatment Planning using a Robust Direct Aperture Optimization Approach	
			Omid Nohadani	Robust Maximum Likelihood Estimation with Application to Radiation Therapy	
	5F (Lecture Room F)	M-OVO	**Mathematical Programming and Economic Equilibria**		J Garg
			Vladimir Shikhman	Computation of Fisher-Gale Equilibrium by Auction	
			Jugal Garg	Polynomial-Time Complementary Pivot Algorithms for Market Equilibria	
			Joseph M Ostroy	Price-taking Equilibrium in Games	
	5G (Lecture Room G)	LO	**Algorithmic and Geometric Aspects of Linear Optimization**		A Deza
			Noriyoshi Sukegawa	Improving Bounds on the Diameter of a Polyhedron in High Dimensions	
			George O Manoussakis	On the Diameter of Lattice Polytopes	
			Domingos M Cardoso	Star Sets/Star Complements of Graph Eigenvalues and Simplex Like Techniques in Combinatorial Problems	
	5H (Lecture Room H)	AFE	**Robust Portfolio Optimization**		J Gotoh
			Alba V Olivares-Nadal	A Robust Perspective on Transaction Costs in Portfolio Optimization	
			Jang Ho Kim	Higher Factor Dependency of Robust Portfolios for Achieving Robustness	
			Andrew Lim	Robust Empirical Optimization	
	5I (Lecture Room I)	CS	**Stochastic Optimization: Theory and Algorithms**		M Michta
			Hiroyuki Kasai	Riemannian Stochastic Variance Reduced Gradient on Grassmann Manifold	
			Kai A Spürkel	Strong Convexity in Two-Stage Linear Stochastic Programs with Partially Random Right-Hand Side	
			Mariusz Michta	Properties of Weak Solutions to Stochastic Inclusions and Their Applications in Optimization Problems	
	5J (Lecture Room J)	CPO	**Matrix Optimization Problems: Recent Advances in Convergence Rate Analysis and Recovery Guarantees**		AMC So
			Chao Ding	Convex Optimization Learning of Faithful Euclidean Distance Representations in Nonlinear Dimensionality Reduction	
			Huikang Liu	Quadratic Optimization with Orthogonality Constraints: Explicit Lojasiewicz Exponent and Linear Convergence of Line-Search Methods	
			Zirui Zhou	A Unified Approach to Error Bounds for Structured Convex Optimization	
	5K (Lecture Room K)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5L (Lecture Room L)	CPO	**Moments, Positive Polynomials & Optimization: Part III**		J Nie/JB Lasserre
			Gue Myung Lee	On Stability and Genericity Results for Polynomial Optimization Problems	
			Jeya Jeyakumar	Globally Solving Polynomial Mathematical Programs with Equilibrium Constraints	
			Victor L Magron	Convergent Robust SDP Approximations for Semialgebraic Optimization	
3rd floor of NACT	m3S (Auditorium)	CNO	**Recent Advances in First-Order Methods: Part I**		M Teboulle/S Sabach
			Edouard Pauwels	Sequential Convex Programming, Value Function and Convergence	
			Nadav Hallak	On Computing the Proximal Mapping Associated with the l_0-Norm over Symmetric Sets	
			Marc Teboulle	Beyond Lipschitz Gradient Continuity: A Novel Path for First Order Methods	
	m3AB (Lecture Rooms A&B)	GO	**Advances in Deterministic Global Optimization I**		R Misener
			Rohit Kannan	Convergence-Order Analysis of Lower Bounding Schemes for Constrained Global Optimization Problems	
			Remigijus Paulavicius	Enhancing the Performance of BASBL: Branch-And-Sandwich BiLevel Solver with the Adaptive Branching, Domain Reduction and Parallel Computing Schemes	
			Radu Baltean-Lugojan	A Parametric Approach to Solving the Pooling Problem	

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			Wed.B 15:15-16:30 Wednesday, August 10th		
1st floor of GRIPS	1S (Soukairou Hall)	NO	**Optimization Methods and Its Applications**		C Sun
			Xin Liu	Column-wise Block Coordinate Descent Approach for Orthogonal Constrained Optimization Problems	
			Qingna Li	A Quadratically Convergent Regularized Semismooth Newton Method for Nonlinear Equations under Error Bound Conditions	
				the talk by Bo Jiang is cancelled and the one by Qigna Li has been slided to the 2nd speaker spot	
	1A (Meeting Room 1A)	NO	**Optimization Methods for Inverse Problems 2**		X Liu/Y Wang
			Xiucui Guan	Inverse Max+Sum Spanning Tree Problem under Hamming Distance by Modifying the Sum-Cost Vector	
			Bo Wen	Linear Convergence of Proximal Gradient Algorithm with Extrapolation for a Class of Nonconvex Nonsmooth Minimization Problems	
			Tingting Wu	Solving Constrained TV2L1-L2 MRI Signal Reconstruction via an Efficient Alternating Direction Method of Multipliers	
	1B (Meeting Room 1B)	PDE-O	**PDE-constrained Optimization in Electromagnetism**		F Tröltzsch/I Yousept
			Irwin Yousept	Optimization of Non-smooth Hyperbolic Evolution Maxwell's Equations in Type-II Superconductivity	
			Peter Gangl	Sensitivity-based Topology and Shape Optimization of an Electric Motor	
			Fredi Tröltzsch	Optimal Control of Some Quasilinear Parabolic Maxwell Equations	
	1C (Meeting Room 1C)	DSO	**Derivative-free Optimization Algorithms for Stochastic Problems**		F Rinaldi/Z Zhang
			Matt Menickelly	Probabilistically Fully Linear Models in STORM	
			Satyajith Amaran	On the Implementation of a Trust Region-based Algorithm for Derivative-free Optimization over Stochastic Simulations	
				the talk by Youssef M Marzouk is cancelled	
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Data and Networks II**		NY Chiang
			Hassan Mansour	Online Blind Deconvolution in Through-the-Wall Radar Imaging	
			Ruth Misener	Using Functional Programming to Recognize Named Structure in an Optimization Problem: Application to Pooling	
			Nai-Yuan Chiang	A Regularized Augmented Lagrangian Filter Method for Nonlinear Building MPC Problems	
	4B (Research Meeting Room 4B)	CVI	**Algorithms for Complementarity and Equilibrium Problems**		U Shanbhag
			Todd Munson	Lexicographic Pivoting for Mixed Linear Complementarity Problems	
			Yura Malitsky	New Projection Methods for Monotone Variational Inequalities	
			Tianyu Hao	Value Function Based Non-cooperative Games	
5th floor of GRIPS	5A (Lecture Room A)	M-OVO	**Optimality and Algorithm for Convex and Multiple-Objective Optimization**		R Wangkeeree/N Petrot
			Rabian Wangkeeree	On Optimality Theorems for Multiobjective Optimization Problems over Feasible Set Defined by Tangentially Convex Inequalities	
			Narin Petrot	Methods for Finding Solutions of Convex Optimization and Feasibility Problem without Convex Representation	
	5C (Lecture Room C)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.		
	5D (Lecture Room D)	LO	**Recent Advances in Linear Optimization**		T Terlaky
			Lukas Schork	Inexact Directions in Interior Point Methods	
			Antoine Deza	Euler Polytopes and Convex Matroid Optimization	
			Pascal Benchimol	Long and Winding Central Paths	
	5E (Lecture Room E)	RO	**Advances in Robust Optimization II**		V Doan
			Xuan Vinh Doan	Fréchet Bounds and Distributionally Robust Optimization	
			Varun Gupta	Tight Moments-based Bounds for Queueing Systems	
			Henry Lam	The Empirical Divergence-based Distributionally Robust Optimization	
	5F (Lecture Room F)	SOIP	**Low Complexity Models and Applications**		M Lotz
			Ke Wei	A Provable Nonconvex Algorithm for Spectrally Sparse Signal Reconstruction	
			Raphael A Hauser	Tomography with Nonlinear Compressed Sensing	
			Axel Flinth	Compressed Sensing Stability through High-dimensional Geometry	
	5G (Lecture Room G)	LO	**Perspectives on Simplex Algorithms**		TD Hansen
			Yann Disser	The Simplex Algorithm is NP-mighty	
			Thomas D Hansen	An Improved Version of the Random-Facet Pivoting Rule for the Simplex Algorithm	
			Walter Morris	A Directed Steinitz Theorem for Oriented Matroid Programming	
	5H (Lecture Room H)	AFE	**Optimization Approaches for Derivative Pricing and Risk Management**		C Yiu
			Jingtang Ma	Hybrid Laplace Transform and Finite Difference Methods for Pricing American Options	
			Cedric Yiu	Optimal Portfolio and Insurance Problems with Risk Constraint	
	5I (Lecture Room I)		No session		
	5J (Lecture Room J)	CNO	**Sparse Optimization: Algorithms and Applications**		M Friedlander
			Cho-Jui Hsieh	Inexact Proximal Newton Methods for Composite Minimization	
			Madeleine Udell	Making Sketchy Decisions: Semidefinite Programming with Optimal Storage	
			Rene Vidal	Global Optimality in Matrix and Tensor Factorization, Deep Learning, and Beyond	
	5K (Lecture Room K)	CPO	**Some New Results on Conic Optimization and Its Applications to Machine Learning**		A Yoshise
			Daigo Narushima	Inner and Outer Approximations of the Semidefinite Cone using SD Bases and Their Applications to Some NP-hard Problems	
			Mirai Tanaka	Diversity Extraction via Condition Number Constrained Matrix Factorization	
			Akiko Yoshise	Rank Minimization Approach to Collaborative Filtering Based on the Nuclear Norm Minimization	
	5L (Lecture Room L)	CPO	**Moments, Positive Polynomials & Optimization: Part IV**		J Nie/JB Lasserre
			Jinyan Fan	Computing the Distance between the Linear Matrix Pencil and the Completely Positive Cone	
			Georgina Hall	DC Decomposition of Nonconvex Polynomials with Algebraic Techniques	
				(the talk by Jean B Lasserre is cancelled and the 2nd and 3rd talks will be slid to the 1st and 2nd spots, resp.)	
3rd floor of NACT	m3S (Auditorium)	CNO	**Recent Advances in First-Order Methods: Part II**		M Teboulle/S Sabach
			Yoel Drori	The Exact Information-based Complexity of Smooth Convex Minimization	
			Shoham Sabach	A First Order Method for Solving Convex Bi-Level Optimization Problems	
			Amir Beck	Primal and Dual Predicted Decrease Approximation Methods	
	m3AB (Lecture Rooms A&B)	GO	**Advances in Deterministic Global Optimization II**		CA Floudas/NV Sahinidis
			Syuuji Yamada	A Branch and Bound Procedure for a Quadratic Reverse Convex Programming Problem by Listing FJ Points	
			Monica G Cojocaru	Generalized Nash Games and Cap and Trade Environmental Models	
			Pietro Belotti	Solving Hard Mixed Integer Quadratic and Conic Optimization Problems	

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			Wed.C 17:00-18:15 Wednesday, August 10th		
1st floor of GRIPS	1S (Soukairou Hall)	NO	**Advances in Large-Scale Optimization**		M De Santis
			Bissan Ghaddar	A Global Optimization Approach for the Valve Setting Problem	
			Yufei Yang	Worst-Case and Sparse Portfolio Selection: Insights and Alternatives	
			Marianna De Santis	An Active Set Strategy for Nonlinear Programming Problems with Box Constraints	
	1A (Meeting Room 1A)	NO	Optimization Methods for Inverse Problems 3—late cancellation		X Liu/Y Wang
				the talk by Tingting Wu has been moved to Wed.B.1A	
	1B (Meeting Room 1B)	PDE-O	**Recent Developments in PDE-constrained Optimization I**		S Ulbrich
			Michael Hintermüller	Optimal Control of Multiphase Fluids and Droplets	
			Christian Clason	A Nonlinear Primal-Dual Extragradient Method for Nonsmooth PDE-constrained Optimization	
			Stefan Ulbrich	Preconditioners for Time-dependent PDE-constrained Optimization and an Implementation Based on Parareal Time-Domain Decomposition	
	1C (Meeting Room 1C)	DSO	**Advances in Derivative-free and Simulation-based Optimization III**		F Rinaldi/Z Zhang
			Francesco Rinaldi	A New Derivative-free Method for Integer Programming Problems	
			Jeffrey Larson	Asynchronously Parallel Optimization Solver for Finding Multiple Minima	
			Giuseppe Lancia	Compact Extended Formulations for Exponential-Size Linear Programs	
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Data and Networks III**		G Scutari
			Mingyi Hong	Decomposing Linearly Constrained Nonconvex Problems by a Proximal Primal-Dual Approach	
			Konstantinos Slavakis	Accelerated Hybrid Steepest Descent Method for Solving Affinely Constrained Composite Convex Optimization Problems	
			Gesualdo Scutari	In-Network Nonconvex Large-Scale Optimization	
	4B (Research Meeting Room 4B)	CVI	**Algorithms for Variational Inequality and Optimization Problems**		U Shanbhag
			Thanyarat Jitpeera	Convergence Analysis of Fixed Point Optimization Algorithm for the Triple-hierarchical Constrained Optimization Problem	
			Gabriel Haeser	On the Global Convergence of Nonlinear Optimization Algorithms under Weak Assumptions	
			Yina Liu	Characterization of Weakly Sharp Solutions of a Variational Inequality by Its Primal Gap Function	
5th floor of GRIPS	5A (Lecture Room A)	M-OVO	**Set-valued Analysis and Nonlinear Scalarization**		T Tanaka
			Yutaka Saito	On Generalization of a Fixed Point Theorem for Set-valued Maps	
			Yuto Ogata	Generalized Alternative Theorems Based on Set-Relations and an Application to Semidefinite Programming Problems	
			Issei Kuwano	A Scalar Characterization of Set-valued Optimization Problems	
	5C (Lecture Room C)	M-OVO	**Set-valued and Vector Optimization**		T Bajbar
			Jerzy Motyl	Order Convex Selections of Set-valued Functions and Their Applications to Convex Optimization	
			Yousuke Araya	Existence of Set Equilibrium Problem via Ekeland's Variational Principle	
			Tomas Bajbar	On the Real Jacobian Conjecture and Newton Polytopes	
	5D (Lecture Room D)	CNO	**Nonconvex Splitting Methods and Applications**		W Yin
			Lei Yang	Alternating Direction Method of Multipliers for a Class of Nonconvex and Nonsmooth Problems with Applications to Background/Foreground Extraction	
			Jinshan Zeng	ExtraPush for Convex Decentralized Optimization over Directed Networks with Extensions	
	5E (Lecture Room E)	RO	Advances in Robust Optimization III—late cancellation		B Van Parys
				the talk by Bart Van Parys has been moved to Thu.C.5E	
	5F (Lecture Room F)	SOIP	**Novel Perspectives on Nonlinear Optimization**		C Cartis
			Yuji Nakatsukasa	Global Optimization via Eigenvalues	
			Michal Kocvara	On Multigrid Methods in Convex Optimization	
			Robert M Gower	Randomized Quasi-Newton Updates are Linearly Convergent Matrix Inversion Algorithms	
	5G (Lecture Room G)	LO	**Theoretical and Algorithmic Developments of Linear Optimization and Semi-infinite Linear Optimization**		S Ma
			Amitabh Basu	Projection: A Unified Approach to Semi-infinite Linear Programs and Duality in Convex Programming	
			Christopher T Ryan	Strong Duality and Sensitivity Analysis in Semi-infinite Linear Programming	
			Sam Wong	Faster Algorithms for Convex and Submodular Function Minimization	
	5H (Lecture Room H)	SO	**Stability Analysis in Stochastic Programming**		M Claus
			Huifu Xu	Stability Analysis for Mathematical Programs with Distributionally Robust Chance Constraint	
			Johanna Burtscheidt	On Stability of Risk Averse Complementarity Problems under Uncertainty	
			Matthias Claus	On Stability of Stochastic Bilevel Programs with Risk Aversion	
	5I (Lecture Room I)		No session		
	5J (Lecture Room J)	CS	**Advances in Nonlinear Optimization I**		YS Niu
			Bilian Chen	On New Classes of Nonnegative Symmetric Tensors and Applications	
			Ryuta Tamura	A Mixed Integer Semidefinite Programming Approach for Variable Selection avoiding Multicollinearity	
			Yi-Shuai Niu	On Global Optimization of Mixed-01 Nonlinear Program via DC Algorithms	
	5K (Lecture Room K)	CPO	**SDP and DNN Relaxations of Discrete Polynomial Optimization Problems**		S Kim/M Kojima
			Shinsaku Sakaue	Exact SDP Relaxations with Truncated Moment Matrix for Binary Polynomial Optimization Problems	
			Sunyoung Kim	A Robust Lagrangian-DNN Method for a Class of Quadratic Optimization Problems	
			Masakazu Kojima	A Lagrangian and Doubly Nonnegative Relaxation for Polynomial Optimization Problems in Binary Variables	
	5L (Lecture Room L)	CNO	**Advances in First-Order Methods and Handling Uncertainty**		F Kilinc-Karzan
			Nam Ho-Nguyen	First-Order Methods for Robust Convex Optimization	
			Mert Gurbuzbalaban	Incremental Methods for Additive Convex Cost Optimization	
			Fatma Kilinc-Karzan	A Second-Order Cone Based Approach for Solving the Trust Region Subproblem and Its Variants	
3rd floor of NACT	m3S (Auditorium)		Another event will be in progress: ICCOPT participants are not allowed to enter.		
	m3AB (Lecture Rooms A&B)		Another event will be in progress: ICCOPT participants are not allowed to enter.		

fl	room			
			Thu.A 9:00-10:15 Thursday, August 11th	

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1st floor of GRIPS	1S (Soukairou Hall)	NO	**ADMM-like Methods for Convex Optimization and Monotone Inclusions**	J Eckstein
			Necdet S Aybat	Distributed Proximal Gradient Methods for Cooperative Multi-Agent Optimization over Conic Constraints
			Wotao Yin	ARock: Asynchronous Parallel Coordinate Update Framework and Its Application to ADMM
			Jonathan Eckstein	Asynchronous Projective Monotone Operator Splitting Algorithms
	1A (Meeting Room 1A)	NO	**Optimization Methods for Inverse Problems 4**	X Liu/Y Wang
			Qian Dong	A Parallel Line Search Subspace Correction Method for Convex Optimization Problems
			Yong Xia	Generalized Newton Method for Globally Solving the Total Least Squares with Tikhonov Regularization
			Hongying Liu	Conditional Gradient Algorithms for Rank-k Matrix Approximations with a Sparsity Constraint
	1B (Meeting Room 1B)	PDE-O	**Recent Developments in PDE-constrained Optimization II**	S Ulbrich
			Winnifried Wollner	PDE Constrained Optimization with Pointwise Gradient Constraints
			Hannes Meinlschmidt	Optimal Control of the Thermistor Problem in Three Spatial Dimensions
			Roland Herzog	Controlling Feasibility and Optimality in Iterative Solvers for Optimality Systems
	1C (Meeting Room 1C)	DSO	**Derivative-free Optimization Algorithms for Large-Scale Problems**	F Rinaldi/Z Zhang
			Sebastian Stich	Efficiency of Random Search on Structured Problems
			Nacer E Soualmi	An Indicator for the Switch from Derivative-free to Derivative-based Optimization
			Youhei Akimoto	Comparison-based Stochastic Algorithm with Adaptive Gaussian Model for Large-Scale Continuous Optimization
4th floor of GRIPS	4A (Research Meeting Room 4A)	AESE	**Optimization in Energy Management Systems with Integrated Economic/Physical Models**	T Ohtsuka
			Toru Namerikawa	Distributed Optimal Power Management Based on Dynamic Pricing in Multi-Period Electricity Market
			Kenji Hirata	Real-Time Pricing Leading to Optimal Operation and Applications to Energy Management Systems
			Yusuke Okajima	A Study on Modeling and Optimization of an Energy Demand Network with Strategic Aggregators
	4B (Research Meeting Room 4B)	CS	**Applications to Practical Problems**	RS Maglasang
			Shogo Kishimoto	A Successive LP Approach with C-VaR Type Constraints for IMRT Optimization
			Gu Yan	A Tri-Level Optimization Model for Private Road Competition Problem with Traffic Equilibrium Constraints
			Renan S Maglasang	The Shelf Space Allocation Problem under Carbon Tax and Emission Trading Policies
5th floor of GRIPS	5A (Lecture Room A)	CS	**Applications in Production and Energy Economics**	P Krokhmal
			Takako Hoshiyama	To Predict the Bottleneck Node by Queueing Network Modeling of a Production Model with Long Lead Time and Large Variety of Small Quantity Production
			Benjamin M Horn	Shape Optimization for Contact Problems Based on Isogeometric Analysis and Nonconvex Bundle Methods
			Pavlo Krokhmal	A Semidefinite Programming Approach to Computing Bounds on the Overall Properties of Composite Materials with Randomly Oriented Fibers
	5C (Lecture Room C)	M-OVO	**Non-convex Vector Optimization and Applications**	C Günther/M Hillmann
			Marius Durea	Minimal Time Function with Respect to a Set of Directions and Applications
			Radu Strugariu	A New Type of Directional Regularity for Multifunctions with Applications to Optimization
	5D (Lecture Room D)	LO	**Extended Formulations and Related Topics**	D Bremner
			Sebastian Pokutta	Strong Reductions for Linear and Semidefinite Programs
			Hidefumi Hiraishi	A Note on Extended Formulations of Lower-truncated Transversal Polymatroids
			David Bremner	Small Linear Programs for Decision Problems
	5E (Lecture Room E)	RO	**Advances in Robust Optimization IV**	W Wiesemann
			Frans de Ruiter	Duality in Two-Stage Adaptive Linear Optimization: Faster Computation and Stronger Bounds
			Daniel Kuhn	Regularization via Mass Transportation
			Wolfram Wiesemann	Ambiguous Joint Chance Constraints under Mean and Dispersion Information
	5F (Lecture Room F)	CNO	**Low-Order Algorithms for Nonlinear Optimization**	S Zhang
			Shiqian Ma	Barzilai-Borwein Step Size for Stochastic Gradient Descent
			Qihang Lin	Distributed Stochastic Variance Reduced Gradient Methods and a Lower Bound for Communication Complexity
			Simai He	Distributional Robust Optimization for IFR Distributions
	5G (Lecture Room G)	CS	**Advanced Topics of Linear Optimization**	A Oliveira
			Toshihiro Kosaki	Weak Duality Theorems for Two Families of Complex Optimization Problems
			Lucie Schaynová	A Client's Health from the Point of View of the Nutrition Adviser using Operational Research
			Aurelio Oliveira	Reducing Interior Point Method Iterations via Continued Directions
	5H (Lecture Room H)	SO	**Stochastic Complementarity Problems and Sample Average Approximation**	H Sun/D Zhang
			Shaojian Qu	Distributionally Robust Games with an Application to Environmental Problem
			Dali Zhang	Computation of Stochastic Nash Equilibrium via Variable Sample
			Hailin Sun	SAA-Regularized Methods for Multiproduct Price Optimization under the Pure Characteristics Demand Model
	5I (Lecture Room I)		No session	
	5J (Lecture Room J)	CS	**Advances in Conic Optimization**	A Varvitsiotis
			Tang Peipei	A Two-Phase Algorithm for Large-Scale QPLogdet Optimization Problem
			Anja Kuttich	Robust Topology Design of Mechanical Systems under Uncertain Dynamic Loads via Nonlinear Semidefinite Programming
			Antonios Varvitsiotis	Completely Positive Semidefinite Rank
	5K (Lecture Room K)	CPO	**Algorithms and Applications for Conic and Related Optimization Problems**	Y Xia
			Patrick Groetzner	Finding Decompositions for Completely Positive Matrices using Orthogonal Transformations
			Shinji Yamada	A Fast Approximation Method for Nonconvex Quadratic Optimizations with Few Constraints
			Ting Kei Pong	Explicit Estimation of KL Exponent and Linear Convergence of 1st-Order Methods
	5L (Lecture Room L)	CPO	**Polynomial Optimization: Theory and Applications I**	LF Zuluaga
			Ramtin Madani	Penalized Semidefinite Programming Relaxation for Polynominal Optimization Problems
			Jamie Haddock	A Sampling Kaczmarz-Motzkin Algorithm for Linear Feasibility
			Juan C Vera	Positive Polynomials on Unbounded Domains
3rd floor of NACT	m3S (Auditorium)		Another event will be in progress: ICCOPT participants are not allowed to enter.	
	m3AB (Lecture Rooms A&B)		Another event will be in progress: ICCOPT participants are not allowed to enter.	

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			Thu.B 10:45-12:00 Thursday, August 11th		

fl	room		Session		Organizer
1st floor of GRIPS	**1S** (Soukairou Hall)	NO	**Optimization in Machine Learning II**		M Takac
			Reza B Harikandeh	Stop Wasting My Gradients: Practical SVRG	
			Niao He	Fast Optimization for Non-Lipschitz Poisson Regression	
			Martin Takac	Primal-Dual Rates and Certificates	
	1A (Meeting Room 1A)	NO	**Numerical Linear Algebra and Optimization I**		A Sartenaer/D Orban
			Jacek Gondzio	Preconditioning KKT Systems in Interior Point Methods	
			Michael Saunders	The DQQ Procedure for Multiscale Optimization	
			Dominique Orban	A Tridiagonalization Method for Saddle-Point and Quasi-definite Systems	
	1B (Meeting Room 1B)	PDE-O	**Risk-averse Optimization with PDE Constraints I**		D Ridzal/DP Kouri/B van Bloemen Waanders
			Thomas M Surowiec	Risk Averse PDE-constrained Optimization using Coherent Measures of Risk	
			Denis Ridzal	Trust-Region Algorithms for Large-Scale Stochastic Optimization with PDE Constraints	
			Bart van Bloemen Waanders	The Rapid Optimization Library: A PDE-constrained Optimization under Uncertainty Framework	
	1C (Meeting Room 1C)	DSO	**Applications of Derivative-free and Simulation-based Optimization**		F Rinaldi/Z Zhang
			Patrick Koch	Derivative Free Optimization for Automated, Efficient Tuning of Predictive Models	
			Matteo Diez	A Hybrid Global/Local Multi-Objective Approach to Simulation-based Design Optimization: Deterministic Particle Swarm with Derivative-free Local Searches	
4th floor of GRIPS	**4A** (Research Meeting Room 4A)	AESE	**Applications of Optimal Control**		MR de Pinho
			Thomas A Weber	Multiattribute Pricing	
			Ellina V Grigorieva	Optimally Control Treatment of Psoriasis Skin Disease	
			Maria dR de Pinho	Optimal Control for Path Planning of AUV using Simplified Models	
	4B (Research Meeting Room 4B)	CS	**Informatics and Geometric Problems**		DO Theis
			Luis F Bueno	Sequential Equality Programming for Topology Optimization	
			Naoshi Shiono	Location Problem of Supply Facilities in Gas Distribution Networks	
			Dirk O Theis	Computing Unique Information	
5th floor of GRIPS	**5A** (Lecture Room A)		No session		
	5C (Lecture Room C)	M-OVO	**Variational Analysis, Optimization, and Applications**		LM Briceño-Arias
			Hector Ramirez	New Advances in Sensitivity Analysis of Solution Maps to Parameterized Equilibria with Conic Constraints	
			Nghia TA Tran	On the Linear Convergence of Forward-Backward Splitting Methods	
			Luis M Briceño-Arias	Projected Chambolle-Pock Splitting for Solving Monotone Inclusions	
	5D (Lecture Room D)	LO	**Discrete and Computational Geometry**		Y Okamoto
			May K Szedlák	Redundancy Detection for Linear Programs with Two Variables per Inequality	
			Hiroyuki Miyata	On Classes of Oriented Matroids That Admit 2-dimensional Topological (Geometric) Representations	
			Sonoko Moriyama	Geometric Optimization Related with an LCP with SPD-Matrices	
	5E (Lecture Room E)	RO	**Advances in Robust Optimization V**		I Yanıkoğlu
			Boris Houska	Robust Optimal Control using Generalized Higher Order Moment Expansions	
			Krzysztof Postek	Robust Optimization with Ambiguous Stochastic Constraints under Mean and Dispersion Information	
			Ihsan Yanıkoğlu	Decision Rule Bounds for Stochastic Bilevel Programs	
	5F (Lecture Room F)	SOIP	**Sparsity and Semidefinite Programming Connections**		C Cartis
			Somayeh Sojoudi	Large-Scale Graphical Lasso Problems	
			Raphael Louca	Bounds on the Rank of Solutions to Sparse Semidefinite Programs	
	5G (Lecture Room G)	CS	**Routing and Related Problems**		K Kobayashi
			Achmad Maulidin	A Meta-Heuristic for the Location Routing Problem with Time-dependent Travel Times	
			Chulin Likasiri	A Capacitated Vehicle Routing Problem Approach for Solving Clustering Problem: A Case Study from Chiang Mai, Thailand	
			Kazuhiro Kobayashi	MISOCP Formulation for the Optimal Fuel Routing Problem and the Route Generation Algorithm	
	5H (Lecture Room H)	SO	**Applications of Stochastic Programming in Finance and Economics**		H Sun/D Zhang
			Qiyu Wang	Sparse Portfolio Selection via Linear Complementarity Approach	
			Zhaolin Hu	Convex Risk Measures: Efficient Computations via Monte Carlo	
			Bintong Chen	Dynamic Pricing and Return Pricing for Airline Industry	
	5I (Lecture Room I)		No session		
	5J (Lecture Room J)	CS	**Advances in Nonlinear Optimization II**		FACC Fontes
			Nimit Nimana	A Hybrid Algorithm for Split Hierarchical Optimization Problems with Fixed Point Constraints in Hilbert Spaces	
			Fernando ACC Fontes	Optimal Control of Constrained Nonlinear Systems: An Adaptive Time-Grid Refinement Algorithm Guided by the Adjoint Multipliers	
				the talk by Ning Zheng is cancelled and the talk by Fernando ACC Fonte is slid to the 2nd spot	
	5K (Lecture Room K)		No session		
	5L (Lecture Room L)	CPO	**Polynomial Optimization: Theory and Applications II**		LF Zuluaga
			Janez Povh	A New Approximation Hierarchy for Polynomial Conic Optimization	
			Olga Kuryatnikova	New Bounds for Scheduling on Two Unrelated Selfish Machines	
			Cedric Josz	Moment/Sum-of-Squares Hierarchy for Complex Polynomial Optimization	
3rd floor of NACT	**m3S** (Auditorium)	CPO	**First-Order Methods for Convex Optimization: New Complexity/Convergence Theory**		RM Freund
			Defeng Sun	Linear Rate Convergence of the Alternating Direction Method of Multipliers for Convex Composite Quadratic and Semi-definite Programming	
			Simon Lacoste-Julien	On the Global Linear Convergence of Frank-Wolfe Optimization Variants	
			Robert M Freund	New Computational Guarantees for Solving Convex Optimization Problems with First Order Methods, via a Function Growth Condition Measure	
	m3AB (Lecture Rooms A&B)	CNO	**Advances in Large-Scale Nonsmooth Optimization**		S Becker
			Joseph Salmon	GAP Safe Screening Rule for Sparsity Enforcing Penalties	
			Jessica Gronski	Nuclear Norms for Collaborative Filtering	
			Bang Cong Vu	Stochastic Numerical Methods for Monotone Inclusions in Hilbert Spaces	

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			Thu.C 13:30-14:45 Thursday, August 11th	
1st floor of GRIPS	**1S** (Soukairou Hall)	NO	**Recent Advances in Coordinate Descent Algorithms**	M Takac
			Julie Nutini	Is Greedy Coordinate Descent a Terrible Algorithm?
			Rachael Tappenden	Flexible Coordinate Descent
			Zheng Qu	Coordinate Descent with Arbitrary Sampling: Algorithms and Complexity
	1A (Meeting Room 1A)	NO	**Numerical Linear Algebra and Optimization II**	A Sartenaer/D Orban
			Anders Forsgren	On Solving an Unconstrained Quadratic Program by the Method of Conjugate Gradients and Quasi-Newton Methods
			Daniela di Serafino	BFGS-like Updates of Constraint Preconditioners for Sequences of KKT Linear Systems
			Daniel Ruiz	Refining the Bounds from Rusten-Winther with Insights on the Interaction between the Blocks (Hessian vs Constraints) in KKT Systems
	1B (Meeting Room 1B)	PDE-O	**Risk-averse Optimization with PDE Constraints II**	D Ridzal/DP Kouri/B van Bloemen Waanders
			Drew P Kouri	A Data-driven Approach to PDE-constrained Optimization under Uncertainty
			Harbir Antil	Optimizing the Kelvin Force in a Moving Target Subdomain
			Philip Kolvenbach	Nonlinear Robust Optimization using Second-Order Approximations and an Application to the Shape Optimization of Hyperelastic Load-carrying Structures
	1C (Meeting Room 1C)	CS	**Nonlinear Optimization: Algorithms and Implementations**	PJS Silva
			Hiroshige Dan	Implementation of NLP Solver with Multiple Precision Arithmetic and Numerical Behavior Analysis of SQP Method for Ill-posed NLPs
			Shummin Nakayama	A Memoryless Sized Symmetric Rank-One Method with Sufficient Descent Property for Unconstrained Optimization
			Paulo JS Silva	Strict Constraint Qualifications and Sequential Optimality Conditions for Constrained Optimization
4th floor of GRIPS	**4A** (Research Meeting Room 4A)	AESE	**Engineering Applications for Large Scale Nonlinear Optimization**	C Büskens/M Echim
			Mitja Echim	Large-Scale Trajectory Optimization for Autonomous Deep Space Missions
			Matthias Knauer	Optimization of Large Scale Characteristics for the Automotive Industry
			Clemens Zeile	Mixed-Integer Optimal Control Problems with Indicator Constraints in Automotive Applications
	4B (Research Meeting Room 4B)	AESE	**Newton-Krylov Methods in Real-Time Optimization for Nonlinear Model Predictive Control**	T Ohtsuka
			Andrew Knyazev	Recent Advances in Newton-Krylov Methods for NMPC
			Koji Inoue	Manycore Execution of Model Predictive Control
			Mike Huang	Velocity Form Nonlinear Model Predictive Control of a Diesel Engine Air Path
5th floor of GRIPS	**5A** (Lecture Room A)		No session	
	5C (Lecture Room C)	M-OVO	**Vector Equilibrium Problems and Vector Optimization**	DT Luc
			Gábor Kassay	Vector Quasi-Equilibrium Problems for the Sum of Two Multivalued Mappings
			Dinh T Luc	On Equilibrium in Multi-Criteria Transportation Networks
	5D (Lecture Room D)	LO	**Linear Optimization in the Context of Solving NP-hard Problems**	S Chubanov
			Austin Buchanan	Extended Formulations for Vertex Cover
			Petra R Takács	New Search Direction-based Interior-Point Algorithm for P*(K) Horizontal Linear Complementarity Problems over Cartesian Product of Symmetric Cones
			Sergei Chubanov	A Polynomial Projection Algorithm and Its Applications in Integer Linear Programming and Combinatorial Optimization
	5E (Lecture Room E)	RO	**Advances in Robust Optimization VI**	H Xu
			William B Haskell	Simulation-based Algorithms for Robust Markov Decision Processes
			Huan Xu	Learning the Uncertainty in Robust Markov Decision Processes
			Bart Van Parys	Stochastic Optimization with Data: Large Deviation Limits
	5F (Lecture Room F)		A lecture of GRIPS will be in progress: ICCOPT participants are not allowed to enter.	
	5G (Lecture Room G)		No session	
	5H (Lecture Room H)	CS	**Stochastic Optimization: Theory and Applications**	A Gaivoronski
			Nobusumi Sagara	Subdifferentials of Nonconvex Integral Functionals in Banach Spaces with Applications to Stochastic Dynamic Programming
			Jorge R Vera	Achieving Consistency in Intertemporal Decisions via Stochastic and Robust Approaches
			Alexei A Gaivoronski	Design of Reconfigurable Networks under Uncertainty by Concurrent Stochastic Optimization and Simulation
	5I (Lecture Room I)		No session	
	5J (Lecture Room J)	CS	**Advances in Nonlinear Optimization III**	P Kirst
			Hassan S Nor	A Method of Multipliers with Alternating Constraints for Nonlinear Optimization Problems
			Pakeeta Sukprasert	The Common Limit in the Range of Property for Two Nonlinear Mappings
			Peter Kirst	Solving Disjunctive Optimization Problems by Generalized Semi-infinite Optimization Techniques
	5K (Lecture Room K)	CS	**Algorithms for Nonsmooth Optimization**	A Uschmajew
			Chengjing Wang	A Primal Majorized Semismooth Newton-CG Augmented Lagrangian Method for Large-Scale Linearly Constrained Convex Programming
			Martin Knossalla	Bundle Trust-Region Method for Marginal Functions using Outer Subdifferentials
			André Uschmajew	A Riemannian Gradient Sampling Algorithm for Nonsmooth Optimization on Manifolds
	5L (Lecture Room L)		No session	
3rd floor of NACT	**m3S** (Auditorium)	CNO	**Augmented Lagrangian-based Algorithms for Large-Scale Conic Programming**	KC Toh
			Xudong Li	Fast Algorithm for Lasso
			Ying Cui	Semidefinite Inverse Quadratic Eigenvalue Problem with Prescribed Entries and Partial Eigendata
			Kim-Chuan Toh	SDPNAL+: A Matlab Software for Semidefinite Programming with Bound Constraints
	m3AB (Lecture Rooms A&B)	CPO	**Conic and Polynomial Optimization: Copositive Optimization**	LF Zuluaga
			E Alper Yildirim	Inner Approximations of Completely Positive Reformulations of Mixed Binary Quadratic Programs
			Van Nguyen	On Completely Positive Modeling of Quadratic Problems
			Luis F Zuluaga	Copositive Certificates of Non-negativity

Poster Session 17:30-19:30 Monday, August 8th at Foyer (GRIPS, 1st floor)

P1	Peng-Yeng Yin	Optimal Wind Turbine Placement considering Power Demand and Wind Uncertainties in Taiwan
P2	Fan Yang	Tensor and Its Tucker Core: the Invariance Relationships
P3	Napsu Karmitsa	New DC Diagonal Bundle Method for Clustering in Very Large Data Sets
P4	Fabio Furini	QPLIB — A Library of Quadratic Programming Instances
P5	Emiliano Traversi	Dantzig Wolfe Decomposition and Simplicial Decomposition in Quadratic Programming
P6	Meihua Wang	An Index Tracking Model Embedded Stratified Sampling in Optimal Allocation
P7	Haodong Yu	A Decomposition Method for a Class of Distributionally Robust Multistage Stochastic Optimization Problems
P8	Masayuki Kageyama	Optimal Stopping for Risk Measures
P9	Bimal C Das	A Mixed-Integer SOCP Model for Robust and Power Efficient Networks
P10	Joaquin S Rodriguez	Analysis of an EOQ Inventory Model with Backordering and Time-and-Price Dependent Demand
P11	Yu-Ching Lee	Establishing Big Data Analysis Framework for Computing Optimal Parameters
P12	Martine C Ceberio	Interval Constraint Solving Techniques for Prediction and Control of Dynamic System Behavior
P13	Atsushi Hori	A Gauss-Seidel Method for Multi-Leader-Follower Games
P14	I-Hsuan Hong	Effect of Subsidies on Reverse Supply Chains: A Variational Inequality Approach
P15	Tung-Sheng Yang	Application of FEM and Abductive Network to Determine the Optimum Machine Power and Billet Dimensions of Near Net-Shape Spiral Bevel Gear Forging
P16	Lukáš Adam	A Multi-Material Phase Field Approach for the Optimal Design of Germanium-on-Silicon Microbridges