CALL FOR SUBMISSIONS
https://ismp2018.sciencesconf.org

Submission deadline: March 15, 2018
Early registration deadline: April 30, 2018

PLENARY SPEAKERS

Shabbir Ahmed (Georgia Tech, USA): Chance constrained stochastic programming
Francis Bach (INRIA, France): The relationship between machine learning and optimization
Monique Laurent (CWI, The Netherlands): Bounds for quantum graph parameters by conic and polynomial optimization
Andy Philpott (Auckland, New Zealand): The intersection of stochastic programming and game theory, and their application to electricity systems
Marc Teboulle (Tel-Aviv University, Israel): Proximal Methods for Convex and Nonconvex Optimization

SEMI-PLENARY SPEAKERS

Michael Hintermüller (Humboldt-Universität zu Berlin, Germany): Infinite dimensional constrained nonlinear optimization
Jon Lee (University of Michigan, USA): On non-convex MINLP
Nikolaos Sahinidis (CMU, USA): The BARON software for MINLP
Melvyn Sim (National University of Singapore): Tractable Distributionally Robust Optimization
A Lecture in Continuous optimization by the Paul Y. Tseng Prize winner

KEY-NOTE SPEAKERS

Alper Atamturk (Berkeley, USA): On quadratic/conic quadratic mixed 0-1 optimization utilizing submodularity
Michal Balinski (CNRS, France): Majority judgment
Regina Burachik (UniSA, Australia): On Asymptotic Lagrangian duality for nonsmooth nonconvex optimization
Emmanuel Candes (Stanford, USA): What’s happening in nonconvex optimization? A couple of stories
Patrick Louis Combettes (North Carolina State University, USA): Monotone Operator Theory in Optimization
Santanu Dey (Georgia Tech, USA): Theoretical Analysis of Cutting-Planes in IP Solvers
Maryam Fazel (University of Washington, USA): Online Competitive Algorithms for Resource Allocation
Matteo Fischetti (Padova, Italy): Modern Branch-and-Cut Implementation
Oktay Gunluk (IBM Research, USA): Recent progress in MIP
Tito Homem-de-Mello (Universidad Adolfo Ibáñez, Chile): Scenario generation for risk-averse stochastic optimization problems via effective scenarios
Thomas Rothvoss (University of Washington, USA): Lower bounds on the size of linear programs
Luis Nunes Vicente (Coimbra, Portugal): Sampling Models and A New Hessian Free Second-Order Model-Based Method