
Curriculum Vitae

Current as of November 28, 2011

Michele Samorani

Leeds School of Business, University
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- Research interests:** Data-driven approaches for Operations Management problems, with applications in health care, services, and supply chain.
- Education:** **University of Colorado, Leeds School of Business, USA.**
Ph.D. in Operations Management, May 2012. Advisor: Prof Manuel Laguna.
GPA 3.96/4.00.
- University of Bologna, Italy.**
M.Eng. in Computer Science, 2006. GPA 3.94/4.00
Advisors: Prof Paolo Toth and Prof Fred Glover
- University of Bologna, Italy.**
B.S. in Computer Science Engineering, 2003. GPA 3.96/4.00
- Teaching:** Instructor, *Managing Business Processes*, undergraduate elective, Spring 2012
Instructor, *Business Intelligence*, undergraduate elective, Spring 2008, 2009, and 2010. Evaluations “Instructor Overall”: 5.1, 5.0, and 5.0 out of 6.0
Teaching Assistant, *Business Process Management*, undergraduate elective, Spring 2007
- Journal papers:** Samorani, M., L. LaGanga. Dynamic Data Driven Appointment Scheduling in the Presence of No-shows. Submitted to *Production and Operations Management*
- Samorani, M., S. Ganguly. The Provider’s Wait-Preempt Dilemma. To be submitted to *Management Science*
- Samorani, M., M. Laguna. 2011. Data-Mining-Driven Neighborhood Search, *INFORMS Journal on Computing*, forthcoming
- Samorani, M., M. Laguna, K.R. DeLisle, D. Weaver. 2011. A Randomized Exhaustive Propositionalization Approach for Molecule Classification. *INFORMS Journal on Computing*, **23**(3) 331-345
(Winner of the 2009 INFORMS Data Mining Best Student Paper Award)
- Better, M, F. Glover, M. Samorani. 2010. Classification by Vertical and Cutting Multi-Hyperplane Decision Tree Induction. *Decision Support Systems* 48, pp. 430-436
- Work in Progress:** Samorani, M., L. LaGanga, W. Williams. Implementation of a Smart Appointment Scheduling System
- Lawrence, S., L. LaGanga, M. Samorani. Comparing Walk-In, Open Access, and Traditional Appointment Scheduling in Outpatient Health Care Clinics

Furini, F., M. Laguna, M. Samorani. Min-Max Regret Unit Commitment Problem with Price and Demand Data Ranges

Other publications:

Samorani M., L. LaGanga. A Stochastic Programming Approach to Improve Overbooking in Clinic Appointment Scheduling, POMS Annual Meeting 2011

Samorani M. The Wind Farm Layout Optimization Problem, book chapter for the “Handbook of Wind Power Systems”, edited by P. Pardalos

Honors, Awards, and Fellowships:

Winner, *INFORMS Data Mining Student Paper Award*, 2009

Appreciation for Outstanding Service as President of the Doctoral Business Student Association. 2011

IBM Summer Fellowship (\$10,000 a year for 2 years) for my work on Smart Grid Optimization, Summer 2010 and Summer 2011

University Fellowship Award, Leeds School of Business, University of Colorado (2009, 2010, and 2011)

Hart Fellowship Award (Summer 2008 and Summer 2009)

Invited Presentations (partial list):

Samorani, M., L. LaGanga. *Using Data Mining to Schedule Clinic Appointments Over Multiple Days. POMS Annual Meeting, Vancouver, Canada, 2010 and INFORMS Annual Meeting, Austin TX, 2010.*

Samorani, M., M. Laguna. *Data Mining Driven Neighborhood Search. INFORMS Annual Meeting, Austin TX, 2010.*

Samorani, M., H. Reinertsen, M. Laguna. *The Wind Farm Layout Optimization Problem. INFORMS Annual Meeting, San Diego, CA, 2009 and EURO Conference, Bonn, Germany, 2009*

Samorani, M., M. Laguna, Kirk DeLisle, Daniel Weaver. *A Randomized Exhaustive Propositionalization Approach for Molecule Classification. INFORMS Annual Meeting, San Diego, CA, 2009*

Professional Service (partial list):

Member of the Committee for the INFORMS Data Mining Best Student Paper Award, 2010 and 2011

Stream Organizer of the Stream Heuristics/Metaheuristics at the ICS Conference, Monterey CA, Jan 9-11 2011

Session Chair at the INFORMS Annual meeting, 2010, 2011, 2012

President of the Doctoral Business Student Association, Leeds School of Business, University of Colorado (2009-2010).

Member of the committee for the Leeds PhD Teaching Award (given to the best teaching PhD student at Leeds), Spring 2011

Professional Memberships:

INFORMS Student Member, Data Mining Section, Computing Society, Decision Analysis Society, ENRE Section, Health Applications Section, MSOM Society, INFORMS Service Science Section, Rocky Mountain Chapter

Other:

Languages known: Italian (native), English (very fluent), French (fluent)

References:

Prof. Fred Glover
Distinguished Professor, University of Colorado System.
glover@opttek.com

Dr. Linda LaGanga
Director of Quality Systems & Operational Excellence
Mental Health Center of Denver
linda.laganga@mhcd.org

Prof. Manuel Laguna
Media One Professor of Management Science
Leeds School of Business, University of Colorado at Boulder
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Prof. Stephen Lawrence
Associate Professor of Operations Management
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