

MONDAY AND TUESDAY

12:30pm-1:30pm

Researchers, practitioners and students share their work in OR/MS in these sessions presented as poster displays, laptop demonstrations or other creative formats. Authors will be on hand to present their work.

MONDAY, NOVEMBER 14

The Harmonic Consistency Index

William Stein, Texas A&M University; Philip Mizzi

Gene Expression for Improved Solution Representation

Srinivasan Anandan, Clemson University

Demand Source Selection for a Risk-Averse Newsvendor

Deepak Tirumalasetty, Clemson University; Kevin Taaffe

An SDP Decision Model for Cost-Minimization of Erosion Control on Logging Roads

Matthew Thompson, Oregon State University; William Baxter, Teresa Ish, David Tomberlin

A Software Architecture for Manufacturing Systems Modeling and Analysis at GM

Craig Jackson, General Motors Corporation; Jonathan H. Owen

CO2 Price Dynamics: The Implication of EU Emission Trading on the Price of Electricity

Yihsu Chen, Johns Hopkins University; Benjamin Hobbs, Wietze Lise, Jos Sijm

Optimizing Oil Cargo Heating Practices

Ian Fichtenbaum, University of British Columbia; Jack Chong, Eric Cope, Neda Salehirad

The Effect of Reputation on the Strategic Interaction and Optimal Valuations of Real Estate Agents

Hilde Patron, Louisiana Tech; Kenneth Roskelley

Decentralized Algorithms for Search and Routing in Sensor Networks

Hari Prasad Thadakamalla, The Pennsylvania State University

Comparing Simulation Efficiency for Discrete Power Series Distributions with Their Finitized Counterparts

James Cochran, Louisiana Tech University; Saeed Golnabi

Ski Industry Pricing: Daily Tickets Versus Season Passes

Eric Huggins, Fort Lewis College; Michael Fry

Community Bus Maintenance Strategy

Ryan Quee, University of British Columbia; Ximena Cerda Salzmann, Mats Gerschman, Jeff Kroeker, Shanshan Wang

Economic versus Statistical Inference: Asset Return Predictability

Kenneth Roskelley, Louisiana Tech University

CUSUM Control Charts for Monitoring Auto-Correlated Binary Observations

Shabnam Mousavi, Penn State University; Marion R. Reynolds

TUESDAY, NOVEMBER 15

Coordination of Marketing and Production for Price and Lead-Time Decisions

Pelin Pekgun, Georgia Institute of Technology; Paul Griffin, Pinar Keskinocak

Identifying Leading Indicators for Workers' Injury Rate

Mingming Lu, McMaster University; Zhong Liu, Shanshan Wang, Anming Zhang

The Missing Piece in Multimedia Tutorials for Spreadsheet Modeling

Linda Leon, Loyola Marymount University; Kala C. Seal

Using Simulation as Decision Tool for Capacity Planning at a Heart Investigations Unit

Lei Wang, University of Minnesota; Amiram Gafni, Diwakar Gupta, Madhu Natarajan, Salim Yusuf

Optimal Income Taxation with Multidimensional Taxpayer Types

Che-Lin Su, Northwestern University; Kenneth Judd

Allocating Funds to HIV Interventions in Sub-Saharan Africa: How Many Lives Could You Save?

Arielle Lasry, University of Toronto; Michael Carter, Hui Zhang

Djinni: A C++ Framework for Heuristic Optimization

Jeffrey Ohlmann, University of Iowa; Robert Hansen, Barrett Thomas

Employment Protection and Labour Market Demand

Jussi Keppo, University of Michigan; Tim Maull

A Parallel Algorithm for Coordinated Traffic Signal Control and Dynamic Route Guidance

Shih-Fen Cheng, University of Michigan; Marina Epelman, Robert Smith

Experiments with the RAMP Approach on Solving the Capacitated Minimum Spanning Tree Problem

Frank Mathew, University of Mississippi; Fred Glover, Cesar Rego

A General Queuing Network Model to Optimize Refurbishing Policies for Returned Products

Jumpol Vorasayan, Iowa State University; Sarah Ryan

Optimization of Production Allocation and Transshipment for a Leading Canadian Forest Products Company

Mehmet Aydinel, University of British Columbia; Eric Cope, Mats Gerschman, Ximena Cerda Salzmann, Taraneh Sowlati, Qing Wu

Heuristic and Exact Techniques for Solving a Temperature Estimation Model

Darrall Henderson, United States Military Academy; Al Ortega, Cole Smith

Integrated Reconfiguration and Age-Based Preventive Maintenance Policy

Jing Zhou, University of Michigan; Dragan Djurdjanovic, Julie Ivy, Jun Ni

Simulation of Healthcare Facilities

Christos Alexopoulos, Georgia Tech; David Goldsman, John Fontanesi

