Manufacturing & Service Operations Management

The MSOM Society Student Paper Competition: Extended Abstracts of 2001 Winners

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For the sixth year, the Manufacturing and Service Operations Management (MSOM) Society of INFORMS conducted a student paper competition. The goal of the competition is to recognize and reward promising young scholars who produce outstanding work in the area of Operations Management. The first prize was accompanied by a $400 honorarium. The second prize was accompanied by a $200 honorarium.

Martin Lariviere and Jan Van Mieghem of Northwestern's Kellogg School of Management chaired this year's competition. Each submission was read by at least two judges. Finalists were selected and sent out to a panel of five judges. Serving as judges were Philipp Afeche (Northwestern University), Gerard Cachon (University of Pennsylvania), Steve Gilbert (University of Texas), Wendell Gilland (UNC), Pinar Keskinocak (Georgia Tech), Tava Olsen (Washington University), Nick Petruzzi (University of Illinois), Jennifer Ryan (Purdue University), Canan Savaskan (Northwestern University), Sergei Savin (Columbia University), and Alan Scheller-Wolf (Carnegie Mellon University). Dan Adelman (University of Chicago), Charles Corbett (UCLA), Marty Putterman (University of British Columbia), and Rob Shumsky (University of Rochester) served as judges in both rounds.

In total, 27 submissions were received from 23 different schools/departments from 5 different countries (the United States, Canada, Germany, France, and Hong Kong). From these, six finalists were selected. The winner's are:

First Prize
Kevin H. Shang, University of California, Irvine
Faculty Mentor: Jing-Sheng Song, University of California, Irvine
''Newsvendor Bounds and A Heuristic for Optimal Policies in Serial Supply Chains''

Second Prize (shared)
René A. Caldentey, New York University
Faculty Mentor: Lawrence M. Wein, Massachusetts Institute of Technology
''Revenue Management of a Make-to-Stock Queue''

Gustavo Vulcano, Columbia University
Faculty Mentors: Garrett van Ryzin and Costis Maglaras, Columbia University
''Optimal Dynamic Auctions for Revenue Management''

Honorable Mention
Joon-Seok Kim, University of Minnesota
Eylem Tekin, Northwestern University
Yao Zhao, Northwestern University

M&SOM would like to congratulate the winners as well as all the finalists. The extended abstracts of these papers follow.