



Operations Research Seminar

Speed and Efficiency in State Transportation Agencies' Procurement of Transportation Construction Services

Diwakar Gupta
Professor
University of Minnesota

Thursday, April 16, 2009
14:50-15:15 Refreshment outside GL-239
15:15-16:15 Seminar at GL-115

I will describe my research on the evaluation of multi-attribute auction mechanisms used in the procurement of transportation construction services. My talk will focus on one such mechanism known as A+B bidding that has been adopted by many state agencies. I will present data, models, insights, and potential impact of my research for state agencies.

Diwakar Gupta is a Professor and Director of Graduate Studies for the Industrial & Systems Engineering program at the University of Minnesota. He is also a Professor of Mechanical Engineering, Center for Transportation Studies' Faculty Scholar, Graduate Faculty for the Health Services Research, Policy, and Administration program in the School of Public Health, and the director of Supply Chain and Operations Research laboratory. Diwakar received his Ph.D. in Management Sciences from the University of Waterloo and held a Faculty position at McMaster University's DeGroote School of Business before joining the University of Minnesota. His research and teaching interests are in the area of stochastic models for health care delivery systems, transportation systems, and supply chain management. Diwakar serves as the Departmental Editor for Health Care and Public Policy department of IIE Transactions and as Editor-in-Chief of the Flexible Services and Manufacturing journal.

Diwakar enjoys working on applied OR problems. His research has been supported by a variety of Federal and State Government agencies, as well as industry. His articles have appeared in journals such as Operations Research, Management Science, M&SOM, IIE Transactions, European Journal of Operational Research, and Production and Operations Management.