

Department of Industrial and Systems Engineering

Dr. Ravindra K. Ahuja

**“Turning Operations Research Models
Into Decision Support Systems”**

Monday, February 25, 1:50 – 2:40
4002 Emerging Technologies Building



Abstract:

For the past ten years, we have been working closely with several corporations to build Operations Research based decision support systems. In this talk, we will give a brief overview of some of our projects from the business problem and algorithm point of view. We will also share with the audience the lessons learnt, challenges we faced, and what are the do's and don'ts. We will also discuss the skills needed to be an effective of Operations Research practitioner

Bio:

Dr. Ahuja is a Professor in Industrial and Systems Engineering at the University of Florida, Gainesville, and also the founding President of Innovative Scheduling, Inc., a company focused on developing cutting-edge decision support systems for large-scale and complex problems arising in logistics and transportation. Professor Ahuja has contributed both to the theory and applications of Operations Research. He has developed innovative models and algorithms for several airline scheduling, railroad scheduling, and logistics problems that were previously considered intractable. Professor Ahuja has coauthored three books, published over 100 journal papers and book chapters. His contributions have received highly competitive awards from INFORMS including 1993 Lanchester Prize, 2003 Pierskella Award, 2006 Daniel H. Wagner Prize, and 2007 Koopman Prize. Professor Ahuja is also a Fellow of INFORMS