

Presenter: Dimitris Bertsimas, Boeing Professor of Operations Research and co-director, Operations Research Center, MIT

Bio: Dimitris Bertsimas is currently the Boeing Professor of Operations Research and the co-director of the Operations Research Center at the Massachusetts Institute of Technology. He has received a BS in Electrical Engineering and Computer Science at the National Technical University of Athens, Greece in 1985, a MS in Operations Research at MIT in 1987, and a Ph.D in Applied Mathematics and Operations Research at MIT in 1988. Since 1988, he has been in the MIT faculty.

His research interests include optimization, stochastic systems, data mining, and their application. In recent years he has worked in robust optimization, health care and finance. He has co-authored more than 120 scientific papers and he has co-authored the following books: "Introduction to Linear Optimization" (with J. Tsitsiklis, Athena Scientific and Dynamic Ideas, 2008), "Data, models and decisions" (with R. Freund, Dynamic Ideas, 2004) and "Optimization over Integers" (with R. Weismantel, Dynamic Ideas, 2005). He is currently department editor in Optimization for Management Science and former area editor in Operations Research in Financial Engineering. He has supervised 42 doctoral students and he is currently supervising 10 others.

He is a member of the US National Academy of Engineering, and he has received numerous research awards including the Farkas prize (2008), the Erlang prize (1996), the SIAM prize in optimization (1996), the Bodossaki prize (1998) and the Presidential Young Investigator award (1991-1996).

He was co-founder of Dynamic Ideas, LLC which developed portfolio management tools for asset management. In 2002, the assets of Dynamic Ideas were sold to American Express. He is also the founder of Dynamic Ideas Press, a publisher of scientific books.