Short Curriculum Vitae

Talat S. Genc

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Education

* University of Arizona. PhD (Economics, December 2003), MSc (Industrial Engineering, May 2003), MA (Economics, December 2000).
* Bogazici University, Istanbul. MA (Economics, June 1999), BSc (Science Edu./Mathematics, June 1997).

Work Experience

* University of Guelph: Associate Professor of Economics (with tenure), July 2010 to present; Assistant Professor of Economics, July 2004 to June 2010.

* Tilburg University: Visiting Associate Professor, September 2010 to June 2011

* University of Arizona: Graduate Assistant/Associate, Adjunct Lecturer; Dept. of Economics (1999-2004). Research Assistant; The MORE Institute and Raptor Laboratory (2001-2004).

Fields of Interest

Industrial Organization, Energy Economics, Optimization.

Current Research Interests

i) Electricity markets and electricity auctions.
ii) Equilibrium computations of large-scale oligopolies.
iii) Capacity investments under uncertainty.
iv) Resource allocations under indivisibilities.

Refereed Publications

9. “Equilibrium Predictions in Wholesale Electricity Markets”, *Handbook of Networks in Power Systems*, P. Pardalos et al. eds. Springer-Verlag, forthcoming.

8. "Investment in Electricity Markets with Asymmetric Technologies", with H. Thille, *Energy Economics*, forthcoming.

7. “Supply Function Equilibria with Capacity Constraints and Pivotal Suppliers”, with S. Reynolds, *International Journal of Industrial Organization*, forthcoming.

6. “Discriminatory versus Uniform-price Electricity Auctions with Supply Function Equilibrium”, *Journal of Optimization Theory and Applications*, 140(1): 9-31, 2009.

5. “An Analysis of Capacity and Price Trajectories for the Ontario Electricity Market Using Dynamic Nash Equilibrium under Uncertainty”, with S. Sen, *Energy Economics*, 2008; 30(1); 173-191.

4. “A Dynamic Cournot-Nash Game: A Representation of a Finitely Repeated Feedback Game”, *Computational Management Science*, 2007; 4; 141-157.

3. “Dynamic Oligopolistic Games under Uncertainty: A Stochastic Programming Approach”, with S. Reynolds and S. Sen, *Journal of Economic Dynamics and Control*, 2007; 31; 55-80.

2. “A Stochastic Programming Approach to Power Portfolio Optimization”, with S. Sen and L. Yu, *Operations Research*, 2006; 54(1); 55-72.

1. “Decision Aids for Scheduling and Hedging in Deregulated Electricity Markets: A Stochastic Programming Approach to Power Portfolio Optimization”, with S. Sen and L. Yu, *Proceedings of the 2002 Winter Simulation Conference*, E.Yucesan, et al. eds. 2002, 1530-1538.

Working papers

1. “Shadow Prices in a Resource Allocation Model with Indivisibilities”, with S. Sen, 2009.

2. "Multimarket Contact in Vertically Related Markets", with S. Ecer, 2010,

3. “Dynamic Competition in Electricity Markets: Hydropower and Thermal Generation”, with H. Thille, 2010.

4. "Investment Dynamics under Demand Uncertainty", with G. Zaccour, 2010.

5. "Electricity Trade Patterns in a Network: Evidence from the Ontario Market", with P.O.Pineau, E. Yazgan, 2010.