

Eva Tardos

University Activities

- Chair, Computer Science Dept

Professional Activities

- Editor-in-chief, *SIAM Journal on Computing* (since 2004)
- Editor, *Journal of the ACM; Combinatorica; Theory of Computing*
- Member, Advisory Board, Center for Discrete Mathematics and Computer Science (DIMACS) at Rutgers
- Member, Scientific Advisory Board, Max Planck Institute, Informatik, Saarbrücken, Germany.
- Member, Scientific Advisory Panel, Field's Institute, Toronto, Canada.
- Member, SIGACT Executive Committee

Publications

- *A Network Pricing Game for Selfish Traffic*, Distributed Computing. A. Hayrapetyan, E. Tardos, and T. Wexler. 19(4): 255-266 (2007).
- *Cost-Sharing Mechanisms for Network Design*, A. Gupta, A. Srinivasan, and E. Tardos. Algorithmica 50(1): 98-119 (2008)
- *Balanced Outcomes in Social Exchange Networks*. Jon Kleinberg and Eva Tardos. ACM Symposium on the Theory of Computing (STOC), 2008.
- *Algorithmic Game Theory*. Noam Nisan, Tim Roughgarden, Eva Tardos, Vijay Vazirani (eds), Cambridge University Press, 2007.
- *Solution Concepts and Computational Issues*. Eva Tardos and Vijay Vazirani, in *Algorithmic Game Theory* eds. N. Nisan, T. Roughgarden, E. Tardos and V. Vazirani, Cambridge University Press, 2007.
- *Introduction to the Inefficiency of Equilibria*. Tim Roughgarden and Eva Tardos, in *Algorithmic Game Theory* eds. N. Nisan, T. Roughgarden, E. Tardos and V. Vazirani, Cambridge University Press, 2007.
- *Network Formation Games*. Eva Tardos and Tom Wexler, in *Algorithmic Game Theory* eds. N. Nisan, T. Roughgarden, E. Tardos and V. Vazirani, Cambridge University Press, 2007.

Lectures

- *Trading Networks with Price-Setting Agents* Conference on Diffusion in Networks, University of Essex, July, 2007.
- *Network-formation games*. 6th International Congress of Industrial and Applied Mathematics, Zurich, July 2007.
- *Games in Network*. ACO Distinguished Lecture Series, Georgia Tech, September 2007
- *Games in Network*. CSAIL Colloquium, MIT, December 2007
- *Games in Network*. The Ninth Annual Alan J. Goldman Lecture JHU, December 2007
- *Bargaining and Trading in Networks*, Microsoft Research, Redmond, December 2007
- *Games in Network*. Triangle CS Distinguished Lecturer Series, Duke, January 2008
- *Games in Network*. Triangle Computer Science Distinguished Lecturer Series, UNC, January 2008.
- *Bargaining and Trading in Networks*, Computer Science Colloquium, Yale, February 2008
- *Bargaining and Trading in Networks*, Israel Theory Day, March 2008
- *Games in Networks*, Women in Computer Science, Israel, March 2008
- *Games in Networks*. LATIN, April 2008

- *Balanced Outcomes in Social Exchange Networks*. STOC, Victoria, BC, May 2008
- *Games in Networks: The Price of Anarchy, Stability, and Learning*. Colloquium of the Santa Fe Institute, June 2008
- *Games in Networks: price of anarchy and learning*. Women in Theory Workshop, Princeton, June 2008

Awards and Honors

- Elected to the National Academy of Engineering (2007).
- Dantzig Prize (2006)
- Fellow, American Academy of Arts and Sciences
- Fellow, Association of Computing Machinery
- Fellow, INFORMS
- Recipient, Guggenheim Fellowship
- Recipient, Packard Fellowship
- Recipient, Sloan Foundation Fellowship
- ACSU Faculty of the Year (2005)
- Recipient, F.I. Li '78 and D. Li '75 Excellence in Teaching Award
- Recipient, Fulkerson Prize (of AMS and MPS) (1988)