

Name: **Eva Tardos**

Title: Professor

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University Activities

- Chair, Computer Science Dept

Professional Activities

- Editor-in-chief, *SIAM Journal on Computing*, 2004-2009.
- 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 2003-2009.

Publications

- *Parallel Imaging Problem*, Thanh Nguyen and E. Tardos, in the Proceedings of the European Symposium on Algorithms, 2008. 684-695
- *Strategic Network Formation with Structural Holes*, Jon Kleinberg, Sid Suri and Eva Tardos, in the proceedings of the ACM Conference on Electronic Commerce 2008. 284-293.
- *Multiplicative Updates Outperform Generic No-Regret Learning in Congestion Games*, Robert Kleinberg, Georgios Piliouras, and Eva Tardos. In the proceedings of the ACM Symposium on Theory of Computing, 2009. 533-542
- *Approximating the Smallest k -Edge Connected Spanning Subgraph by LP-Rounding*. Michel Goemans, Hal Gabow, Eva Tardos, and David Williamson, *Networks*, Volume 53, Issue 4, 2009, Pages: 345-357.
- *The Price of Stability for Network Design with Fair Cost Allocation*. Elliot Anshelevich, Anirban Dasgupta, Jon M. Kleinberg, Éva Tardos, Tom Wexler, Tim Roughgarden: *SIAM J. Comput.* 38(4): 1602-1623 (2008)
- *Near-Optimal Network Design with Selfish Agents*. Elliot Anshelevich, Anirban Dasgupta, Éva Tardos, Tom Wexler: *Theory of Computing* 4(1): 77-109 (2008)

Lectures

- The price of anarchy and learning in congestion games, *Building Bridges*, August 2008.
- Games in Networks: the price of anarchy, stability, and learning. Department of Computational and Applied Mathematics Special Lecture, [Rice University](#), October 2008.
- *Price of anarchy and learning*, Bonn Workshop on Combinatorial Optimization, November 2008.

- *Price of anarchy and learning in congestion game*, Computer Science Distinguished colloquium, Princeton December 2008.
- *Multiplicative update learning in congestion games*, Computer Science Theory Seminar, Princeton December 2008.
- *Games in Networks: the price of anarchy, stability, and learning (a sequence of four talks)*, The Operations Research Seminar at Zinal, Switzerland, January 2009.
- *Learning outcomes in (congestion) games*, Bellairs Workshop on Algorithmic Game Theory, March 2009
- *Ad Auction Nash Equilibria with Conservative Bidders*, Andras Frank 60, Budapest June, 2009.
- *Quality of Learning Outcomes in (Congestion) Games*, Séminaire Parisien de théorie des jeux, Paris June 2009.
- *Quality of Learning Outcomes in (Congestion) Games*, ELSE Workshop on Search, Mechanism Design and the Internet, at University College London, June 2009.

New Honors

- Elected to the National Academy of Engineering
- Dantzig Prize (2006)
- Fellow, American Academy of Arts and Sciences
- Fellow, Association of Computing Machinery
- Fellow, INFORMS
- Fellow, SIAM
- 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)