

# 2000 Fulkerson Prize



Michel X. Goemans



David P. Williamson



Michele Conforti



Gérard Cornuéjols



M. R. Rao

The 2000 Delbert Ray Fulkerson Prize was awarded at the 17th International Symposium on Mathematical Programming, held in August 2000 at the Georgia Institute of Technology in Atlanta.

Two papers each received a Fulkerson Prize:

MICHEL X. GOEMANS and DAVID P. WILLIAMSON: "Improved approximation algorithms for the maximum cut and satisfiability problems using semi-definite programming", *Journal of the Association for Computing Machinery*, 42 (1995), no. 6, pages 1115–1145.

MICHELE CONFORTI, GÉRARD CORNUÉJOLS, and M. R. RAO: "Decomposition of balanced matrices", *Journal of Combinatorial Theory, Series B*, 77 (1999), no. 2, pages 292–406.

Goemans is an associate professor of applied mathematics at the Massachusetts Institute of Technology, and David P. Williamson is a researcher at the IBM T. J. Watson Research Center in Yorktown Heights, New York. Michele Conforti is a *professore ordinario* at the Università di Padova, Italy; Gérard Cornuéjols is a professor of operations research and a member of the Graduate School of Industrial Administration at Carnegie-Mellon University; and M. Rammohan Rao is director of the Indian Institute of Management in Bangalore, India.

The Delbert Ray Fulkerson Prize recognizes outstanding papers in the area of discrete

mathematics. Established in 1979, the prize is sponsored jointly by the Mathematical Programming Society and the AMS. Up to three awards of \$1,500 each are made every three years at the international congress of the Mathematical Programming Society. The prize is made possible by a memorial fund established by friends of the late Delbert Ray Fulkerson to encourage mathematical excellence in the fields of research in which he worked.

The Fulkerson Prize is presented for papers published during the six calendar years preceding the year of the congress. The prizes are given for single papers, not series of papers or books, and in the event of joint authorship the prize is divided. The topics of papers considered for the prize include graph theory, networks, mathematical programming, applied combinatorics, and related subjects.

The selection committee for the 2000 Fulkerson Prize consisted of William Cook, Ronald L. Graham, and Ravindran Kannan (chair).

—Allyn Jackson