

Candidate for Chair

Madhu Sudan
MIT, Cambridge, MA, USA

BIOGRAPHY

Academic Background:

Ph.D., U.C. Berkeley, 1992, Computer Science.

Professional Experience:

Professor, MIT, Cambridge, MA, USA, 1997 – Present;
Research Staff Member, IBM Research, Thomas J. Watson Center, Yorktown Heights, NY, USA, 1992 – 1997.

Professional Interest:

Computational Complexity; Coding Theory; Optimization; Approximation Algorithms; Property Testing.

Awards Received:

ACM: Doctoral Dissertation Award, 1993.
Other: IEEE Information Theory Society Paper Award, 2000; Godel Prize, 2001; Nevanlinna Prize, 2002.

STATEMENT

The SIGACT Chair position seems to involve the clear function of selecting chairs of STOC and committees for the Knuth Prize and the Godel Prize. In these I hope not to do anything controversial!

The more subjective and important role may be to increase the visibility of research in theoretical CS (both the past ones, and the questions we are seeking to address in the future), in conjunction with the SIGACT committee for Advancing Theoretical CS. On this aspect I do hope to invest significant effort.