

Biography: MADHU SUDAN

Madhu Sudan got his Bachelors degree from IIT Delhi in 1987 and his Ph.D. from UC Berkeley in 1992. From 1992-1997 he was a Research Staff Member at IBM's Thomas J. Watson Research Center. In 1997 he joined the faculty at MIT, where among other roles he served as an Associate Director of MIT's CSAIL from 2007-2009. In 2009, Madhu Sudan joined Microsoft Research at their New England Research Center as a Principal Researcher. He continues to be an Adjunct Professor at MIT.

Madhu Sudan's research lies in the fields of computational complexity theory, algorithms and reliable communication. He is best known for his works on probabilistic checking of proofs, and on the design of list-decoding algorithms for error-correcting codes. His current research interests include semantic communication and property testing. In 2002, Madhu Sudan was awarded the Nevanlinna Prize, for outstanding contributions to the mathematics of computer science, at the International Congress of Mathematicians in Beijing. He was awarded the 2014 Infosys Foundation Prize in Mathematical Sciences. Madhu Sudan is a fellow of the ACM, the IEEE, the AMS and the American Academy of Arts and Sciences.