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TALK : [*Stochastic Recursive Algorithms for Optimization*](#)

Dr. Shalabh Bhatnagar received a Bachelors in Physics (Hons) from the University of Delhi in 1988. He received his Masters and Ph.D degrees in Electrical Engineering from the Indian Institute of Science, Bangalore in 1992 and 1997, respectively.

He was a Research Associate at the Institute for Systems Research, University of Maryland, College Park, during 1997 to 2000 and a Divisional Postdoctoral Fellow at the Free University, Amsterdam, during 2000 to 2001. He joined the Department of Computer Science and Automation at the Indian Institute of Science, Bangalore in December 2001, where he is now a Professor. He has also held visiting faculty positions at the Indian Institute of Technology, Delhi and the University of Alberta, Canada.

Dr. Bhatnagar's interests are in simulation based stochastic optimization, stochastic control and reinforcement learning. He has authored or co-authored more than 120 research articles in various journals and conferences. He is also the coauthor of a book with title 'Stochastic Recursive Algorithms for Optimization: Simultaneous Perturbation Methods', published by Springer in 2013. He is a Senior Associate of the International Center for Theoretical Physics (ICTP), Italy, a Fellow of the Indian National Academy of Engineering and a Fellow of the Institution of Electronics and Telecommunication Engineers.