

Speaker Bios for seminars on Ravi Kannan's 70th Birthday

Amit Deshpande

Amit Deshpande is a researcher at Microsoft Research India working broadly in the areas of theoretical computer science and machine learning with a focus on Algorithmic and mathematical techniques. His current research interests are fairness and robustness of models in supervised and unsupervised learning. He also works on sampling techniques for subsampling large data to efficiently explore, summarize, and learn. Amit completed his PhD from MIT in 2007 and prior to that was did his bachelor's from Chennai Mathematical Institute, 2002.

Anand Louis

Anand Louis is an Associate Professor at the Indian Institute of Science Bangalore working primarily in the areas of approximation algorithms, fairness, and randomness. He was earlier a post doctoral researcher at the Princeton university after having completed his PhD at Georgia Tech advised by Santosh Vempala. He has taught several courses at the CSA department including approximation algorithms, spectral algorithms, theorists' toolkit, design and analysis of algorithms, as well as deep learning.

Anirban Dasgupta

Anirban Dasgupta is currently the N. Rama Rao Chair Professor of Computer Science & Engineering at IIT Gandhinagar. Prior to being at IIT Gandhinagar, he was a Senior Scientist at Yahoo Labs Sunnyvale. Anirban works on algorithmic problems for massive data sets, large-scale machine learning, analysis of large social networks, and randomized algorithms in general. He did his undergraduate studies at IIT Kharagpur and doctoral studies at Cornell University. He has received the Google Faculty Research Award (2015), the Cisco University Award (2016), the ICDT Best Newcomer Award (2016), and the Google India AI/ML Award (2020).

Arindam Khan

Arindam Khan is an Assistant Professor at the Department of Computer Science and Automation at the Indian Institution of Science Bengaluru. He did his Ph.D. from Georgia Institute of Technology, Atlanta, USA and undergraduate studies from IIT Kharagpur. He is broadly interested in the design and analysis of algorithms and theoretical computer science. His current research area includes Approximation Algorithms, Online Algorithms, Fairness, and Learning Theory. He is a recipient of Prof. Priti Shankar Teaching Award, MFCS'20 Best paper award, Pratiksha Trust Young Investigator Award, and Google India Research Award.

Naveen Garg

Naveen Garg is the Janaki and K. A. Iyer Professor of Computer Science at the Indian Institute of Technology Delhi. He did his B.Tech. and Ph.D. in Computer Science from IIT Delhi, was a postdoctoral researcher at the Max-Planck-Institut für Informatik, Germany and since 1998 he has been a faculty member at IIT Delhi. Naveen's contributions are primarily in the design and analysis of approximation algorithms for NP-hard combinatorial optimization problems arising in network design, scheduling, routing, facility location etc. He is a Fellow of Indian Academy of Science, Bangalore, the Indian National Academy of Engineering, Delhi and was awarded the SS Bhatnagar award for Mathematical Sciences in 2016.

Prateek Jain

Prateek Jain leads the Machine Learning Foundations and Optimization team at Google AI, Bangalore, India. Prateek completed his PhD at the University of Texas at Austin under Prof. Inderjit S. Dhillon. He was later a Sr. Principal Research Scientist at Microsoft Research India. His research interests include machine learning, non-convex optimization, high-dimensional statistics, and optimization algorithms. He is also interested in applications of machine learning to privacy, computer vision, text mining and natural language processing.

Ravishankar Krishnaswamy

Ravishankar is a principal researcher at Microsoft Research India. He completed his PhD at Carnegie Mellon University in 2012. From 2012-2014, he was a Simons Postdoctoral Fellow at the CS Department in Princeton University. Long ago, he completed his BTech from IIT Madras in 2007. His research areas are broadly in algorithm design, especially in the online and stochastic optimization frameworks, with a focus on network design and clustering problems. He has also lately been working on designing fast, accurate and highly-scalable algorithms for the classical approximate nearest neighbor search (ANNS) problem and its numerous variants, with several applications in semantic search and information retrieval.

Siddharth Barman

Siddharth Barman is an Associate Professor at the Department of Computer Science and Automation at the Indian Institution of Science Bengaluru. He was the recipient of the prestigious Ramanujan Fellowship grant in 2016. Prior to joining IISc, he was a post-doctoral researcher at Caltech. He obtained his Ph.D. in Computer Science at the University of Wisconsin-Madison. His research interests lie in the design, analysis, and applications of algorithms. Much of his research focuses on areas like algorithmic game theory and approximation algorithms, with a current focus on areas like fair division, multi-armed bandits and causality.