Research Promotion Workshop on
Introduction to Graph and Geometric Algorithms

Dhirubhai Ambani Institute of Information & Communication Technology
Gandhinagar, March 14-16, 2012

Program

Time	March 14, 2012 (Wednesday)	March 15, 2012 (Thursday)	March 16, 2012 (Friday)
08.00 hr.– 09.00 hr.	Registration		
09.00 hr.– 10.00 hr.	Inauguration Welcome Address by Director, DAIICT	Srikrishnan Divakaran: *Introduction to Randomized Algorithms*	Subodh Kumar: *Cache Friendly Compressed Representation for Geometry*
10.00 hr.– 10.30 hr.	Tea	Tea	Tea
10.30 hr.– 11.30 hr.	Subir Ghosh: Introduction *to Computational Geometry*	Niranjan Balachandran: *Graph Coloring*	Sachin Patkar: *Network Flows and Applications*
11.30 hr.– 12.30 hr.	Daya Gaur: *Introduction to Approximation Algorithms*	Abhiram G. Ranade: *Some Formulations of the Genome Assembly Problem*	Sharat Chandran: *Using Shape Spaces for Structure for Motion*
12.30 hr.– 13.45 hr.	Lunch	Lunch	Closing Session and Lunch
13.45 hr.– 14.45 hr.	Sudebkumar Prasant Pal: *Geometric Data Structures*	Sathish Govindarajan: *Geometric Graphs*	
14.45 hr.– 15.45 hr.	Ashok Thakorbhai Amin: *On Uniformly Optimally Reliable Networks*	Amitabha Mukerjee: *Manifold Based Representation Discovery in High-dimensional Data*	
15.45 hr.– 16.15 hr.	Tea	Tea	
16.15 hr.– 17.15 hr.	Open Problem Session Chair: Sudebkumar Prasant Pal	Panel Discussion: *Is Research a Good Career Option?* Chair: Rahul Muthu	