

## CALDAM Indo-Dutch Pre-Conference School on Algorithms and Combinatorics

February 06-07, 2023

Venue: CEP Conference Room, DA-IICT

Time	February 06, 2023	February 07, 2023
08:00 - 09:15	<b>Registration &amp; Inauguration</b>	
09:15 - 10:30	<b>Technical Session - 1</b> <b>Chair: Sunitha VadivelMurugan</b>  <b>Arrangements, Partitions, and Applications</b> Mark de Berg	
10:30 - 11:00	<b>Break</b>	
11:00 - 11:45	<b>Technical Session - 2</b> <b>Chair: Anuj Tawari</b>  <b>Graph Coloring Problems</b> Rishi Ranjan Singh	<b>Technical Session - 4</b> <b>Chair: Manoj Changat</b>  <b>Graph Classes arising from the Perfect Matching Polytope</b> Nishad Kothari
11:45 - 12:30	<b>Games on Graphs and Eternal Vertex Cover</b> Neeldhara Misra	<b>Some Open Problems in Computational Group Theory</b> Bireswar Das
12:30 - 13:45	<b>Lunch</b>	
13:45 - 15:00	<b>Technical Session - 3</b> <b>Chair: Rahul Muthu</b>  <b>From Approximate to Exact Integer Programming</b> Daniel Dadush	<b>Technical Session - 5</b> <b>Chair: Subir Ghosh</b>  <b>Random Metrics in the Analysis of Algorithms</b> Bodo Manthey
15:00 - 15:30	<b>Break</b>	
15:30 - 17:00	<b>Young Researchers Forum</b> <b>Chair: R.S. Lekshmi</b>  <b>Short Presentations by</b> Manoj Changat, A. Mohanapriya, Pavan P.D., Supraja D.K., Adri Bhattacharya, Ritam Manna Mitra, Sangam Balachandar Reddy, Saraswati Girish Nanoti, Pavithra R.	<b>Technical Session - 6</b> <b>Chair: R.S. Lekshmi</b>  <b>Smoothed Analysis and its Applications to Local Search Heuristics</b> Jessie van Rhijn  <b>Participants' Feedback and Conclusion</b>
19:30 onwards	<b>Dinner</b>	