RECENT TRENDS IN ALGORITHMS 2024

Date	Time	Event
July 1	9:00-9:15	Introduction
	9:15-10:15 Chair: Swagato Sanyal	Speaker 1: Mrinal Kumar Title: *Fast list decoding of univariate multiplicity codes*
	10:15-10:30	Tea break
	10:30-11:30 Chair: Swagato Sanyal	Student talk 1: Sampriti Roy Title: *Testing properties of distributions in the streaming model* Student talk 2: Swarnalipa Datta Title: *Fourier Dimension of Boolean Function over Abelian Groups* Student talk 3: Soumi Nandi Title: *Covering almost all the layers of hypercube with multiplicities*
	11:30-12:30	Open problem session
	12:30-14:30	Lunch
	14:30-15:30 Chair: Sourav Chakraborty	Speaker 2: Akanksha Agrawal Title: *Polynomial Time Algorithm For Odd Cycle Transversal on P5-free Graphs*
	15:30-15:45	Tea break
	15:45-17:00 Chair: Swagato Sanyal	Open problem session and problem discussion
July 2	9:00-10:00 Chair: Pradeesha Ashok	Speaker 3: Piyush Srivastava Title: *Some problems regarding Bayesian networks*
	10:00-10:15	Tea break
	10:15-11:15 Chair: Pradeesha Ashok	Student talk 1: Sagnik Chatterjee Title: *Efficient Quantum Agnostic Improper Learning of Decision Trees*

		Student talk 2: Suryendu Dalal Title: *Sweeping Arrangement of Curves in Plane* Student talk 3: Jatin Yadav Title: *FPT approximation for capacitated sum of radii*
	11:15 – 12:30	Problem discussion session
	12:30-14:30	Lunch break
	14:30-15:30 Chair: Arijit Ghosh	Speaker 4: Sourav Chakraborty Title: *Distinct Elements in Streams and the Klee's Measure Problem*
	15:30-15:45	Tea break
	15:45-16:45 Chair: Arijit Ghosh	Speaker 5: Manoj Gupta Title: *Fault Tolerant Distance Oracle*
	17:00-18:00 Chair: Arijit Ghosh	Student talk 1: Koustav De Title: *Parameterized Aspects of Distinct Kemeny Rank Aggregation* Student talk 2: Siddhartha Sarkar Title: *Minimum-Membership Geometric Set Covering*
July 3	9:00-10:00 Chair: Palash Dey	Speaker 6: Arkadev Chattopadhyay Title: *When does randomness help in query and communication?*
	10:00-10:15	Tea break
	10:15-11:15 Chair: Palash Dey	Problem discussion session – sharing of positive news from these discussions.
	11:15-12:45 Chair: Palash Dey	Panel Discussion Title: *Emerging Research Problems: Bridging Theory and Practice*
	12:45-13:00	Closing session
	13:00-15:00	Lunch