

ADMA International Conference on Discrete Mathematics

Program and Conference Schedule

* Titles marked TBA will be announced. INV = Invited Talk; E = Expert/Endowment Lecture
 Venue: Main talks CS 15. Parallel sessions KCB 504, 505, 506, 519

Time	Session	Speaker	Title of Talk
Day 1			
9:00–10:00	Inauguration & Technical Session	A. Vijayakumar	The Shrikhande Graph
10:00–11:00	Invited Talk	Suresh Govindarajan	Aspects of higher dimensional partitions
— <i>Coffee Break</i> —			
11:30–12:30	SS Shrikhande Memorial Endowment Lecture	Nishad Kothari	Investigating snarks thru the lens of matching covered graphs
— <i>Lunch Break</i> —			
14:00–15:00	Invited Talk	Yasmeen Akthar	A Hypergraph Model for Combinatorial Testing: The Qualitative Independence (QI) Framework
15:00–16:00	Endowment Lecture	R. Venkatesh	How to obtain the Tutte polynomials of graphs from representation-theoretic methods?
— <i>Coffee Break</i> —			
Best Paper Presentations (16:30–; 15 + 5 min each)			

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Time	Session	Speaker	Title of Talk
Day 2			
9:00–10:00	Invited Talk	Katona	Erdős-Ko-Rado theorem, Erdős Matching Conjecture, between and around
10:00–11:00	Endowment Lecture	V. Arvind	Aspects of the Weisfeiler-Leman Procedure
— <i>Coffee Break</i> —			
11:30–12:30	Invited Talk	Carol Zamfirescu	Recent results on Hamiltonian cycle enumeration
— <i>Group Photo Session</i> —			
— <i>Lunch Break</i> —			
14:00–15:00	Invited Talk	Rajat Kanti Nath	Commuting graphs of rings
15:00–16:00	Endowment Lecture	Eckhard Steffen	Perfect matchings in r -graphs
— <i>Coffee Break</i> —			
Parallel Sessions (16:30–18:00; 15 + 5 min each × 3 tracks)			
<i>Conference Dinner</i>			
Day 3			
9:00–10:00	Invited Talk	Margaret Bayer	Simplicial Complexes from Graphs
10:00–11:00	Endowment Lecture	S Viswanath	Littlewood-Richardson coefficients: an overview
— <i>Coffee Break</i> —			
11:30–12:30	Endowment Lecture	Hiranya Kishore Dey	Subgroup counts and structure of finite groups.
— <i>Lunch Break</i> —			
14:00–15:00	Invited Lecture	Priyavrat Deshpande	One Notion, Many Generalizations: The Story of Chordality in Higher Dimensions
— <i>Coffee Break</i> —			
Parallel Sessions (15:30–18:30; 15 + 5 min each × 4 tracks)			
— <i>ADMA GBM</i> —			

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Time	Session	Speaker	Title of Talk
Day 4			
9:00–10:00	Invited Lecture	Manoj Changat	Smooth Graphs
10:00–11:00	Invited Lecture	Rogers Mathew	Towards a Conjecture on Long Induced Rainbow Paths in Triangle-Free Graphs
— <i>Coffee Break</i> —			
11:30–12:30	Endowment Lecture	Brahadeesh Sankaranarayanan	Intersection Graphs and Path Representations
Graph Theory day celebration and Valedictory Ceremony			
— <i>Vote of Thanks</i> —			

Legend: **INV** = Invited Talk · **E** = Expert/Endowment Lecture · **TBA** = To Be Announced · **MKS** = Speaker initials (to be expanded) · All talks support \LaTeX math notation, e.g. graph coloring $\chi(G)$, Ramsey numbers $R(s, t)$, eigenvalues $\lambda_{\max}(A)$.