

*IPM Biennial Conference on
Combinatorics and Computing,
May 20-22, 2025, School of Mathematics, IPM, Tehran
40 Years in Designs: Celebrating the Life and Achievements of
Professor Gholamreza B. Khosrovshahi*

Conference Schedule

Tuesday, May 20, 2025		
8:30 - 9:00	Registration	
9:00 - 10:00	Opening	
10:00 - 10:45	Manouchehr Zaker Institute for Advanced Studies in Basic Sciences	Recent Progress in the First-Fit and z-Coloring of Graphs
Coffee Break		
11:15 - 12:00	Javad Ebrahimi Sharif University of Technology	Stretch Hamming Dimension of Graphs
Lunch		
14:00- 14:45	Ali Mohammadian IPM	Saturation Numbers of Graphs
Coffee Break		
15:15 - 16:00	Elham Roshanbin Alzahra University	On the Burning Number of Graphs
16:00 - 16:30	Meysam Korivand Institut Teknologi Bandung, Indonesia	Number of Metric Bases up to Automorphism
16:30- 17:00	Omran Ahmadi IPM	A Very Short Introduction to Post-Quantum Cryptography

You can see the abstract of the talks and other information related to the conference on the below website:

<https://math.ipm.ac.ir/IPMCCC2025>



SCAN ME!

IPM Biennial Conference on
Combinatorics and Computing,
May 20-22, 2025, School of Mathematics, IPM, Tehran
40 Years in Designs: Celebrating the Life and Achievements of
Professor Gholamreza B. Khosrovshahi

Wednesday, May 21, 2025		
9:00 - 9:45	Amin Sakzad Monash University, Australia	LUNA: Quasi-Optimally Succinct Designated-Verifier Zero-Knowledge Arguments from Lattices
9:45 - 10:15	Saeid Alikhani Yazd University	New upper Bounds for some Kind of Coalition Numbers
Coffee Break		
10:45 - 11:30	Sharareh Alipour Tehran Institute for Advanced Studies	The Minimum Dominating Set and Set Cover in Distributed and Streaming Models
11:30 - 12:15	Masoud Seddighin Tehran Institute for Advanced Studies	Fair Allocation of Indivisible Goods: Recent Advances on the Maximin Share Criterion
Group Photo and Lunch		
14:00 - 14:45	Ramin Javadi Isfahan University of Technology	Random Hypergraphs and the Size-Ramsey Number of Subdivisions of Graphs
14:45 - 15:15	Maryam Safazadeh National University of Skills	Fair Coalitions in Graphs
Coffee Break		
Mathematics Colloquium		
16:00 - 17:00	Amin Shokrollahi Kandou (CTO) and EPFL, Switzerland	Algebraic Coding in the Era of AI (online)

Thursday, May 22, 2025		
9:00 - 9:45	Ebrahim Ghorbani K. N. Toosi University and Hamburg University of Technology	Arrival and Multi-Arrival Problems
9:45 - 10:15	Mostafa Einollahzadeh Isfahan University of Technology	From Haemer's Energy Conjecture to Laplacian Matrices
Coffee Break		
10:45 - 11:30	Ali Taherkhani Institute for Advanced Studies in Basic Sciences	Erdős-Ko-Rado Type Results for Intersecting Families of Subgraphs of Complete Graphs
11:30 - 12:15	Morteza Mohammad Nouri University of Tehran	Applying Some Variations of Ziv Lempel Factorization to the Infinite m-bonacci Words
Lunch		