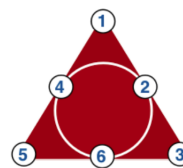


## IPM's Combinatorics and Computing Webinars, Winter & Spring 2022

- 1400/11/27 (February 16)  
**Amir Saki** (Institute for Research in Fundamental Sciences (IPM), Tehran)  
**Title:** Group Equivariant Operators for Machine Learning
- 1400/12/04 (February 23)  
**Meisam Miralaei** (Institute for Research in Fundamental Sciences (IPM), Tehran)  
**Title:** On the Size Ramsey Number of Stars Versus Cliques
- 1400/12/11 (March 2)  
**Amir Najafi** (Institute for Research in Fundamental Sciences, (IPM), Tehran)  
**Title:** Distributed Sparse Feature Selection in Communication-Restricted Networks
- 1400/12/18 (March 9)  
**Leila Taghavi** (Phanous Research & Innovation Center, Tehran)  
**Title:** An Introduction to Quantum Machine Learning
- 1401/01/17 (April 6)  
**Reza Naserasr** (CNRS, IRIF Université de Paris, Paris)  
**Title:** Graph Coloring and Homomorphisms to Signed Cycles
- 1401/01/24 (April 13)  
**Amir Jafari** (Sharif University of Technology, Tehran)  
**Title:** Tverberg's Theorem with Constraints
- 1401/01/31 (April 20)  
**Hadi Soleimani** (Shahid Beheshti University, Tehran)  
**Title:** Introduction to Fault Attacks on Cryptographic Primitives
- 1401/02/07 (April 27)  
**Ali Taherkhani** (Institute for Advanced Studies in Basic Sciences, Zanjan)  
**Title:** A Catlin-Type Theorem for  $G$ -free Coloring of Graphs
- 1401/02/14 (May 4)  
**Ali Khezeli** (Tarbiat Modares University, Tehran)  
**Title:** An Introduction to Scaling Limits of Random Trees and Graphs
- 1401/02/21 (May 11)  
**Akbar Davoodi** (Isfahan University of Medical Sciences, Isfahan)  
**Title:** Size Ramsey Number of Galaxies



- 1401/02/28 (May 18)  
**International Workshop on Extremal Combinatorics** (IPM-Isfahan, Isfahan)  
For more information, see the following link:  
<http://portal.math.ipm.ir/Pages/Events/DisEventsHome.aspx?esbu=51da509b-c4a1-431b-b9cd-1e77632260cb>
- 1401/03/04 (May 25)  
**Hossein Jowhari** (K. N. Toosi University of Technology, Tehran)  
**Title:** Space of Complexity of Estimating the Maximum Matching Size
- 1401/03/11 (June 1)  
**Mojtaba Jazaeri** (Shahid Chamran University of Ahvaz, Ahvaz)  
**Title:** On Self-Complementary Distance-Regular Cayley Graphs
- 1401/03/18 (June 8)  
**Farzad Parvareh** (University of Isfahan, Isfahan)  
**Title:** Permutation Codes and Their Applications
- 1401/03/25 (June 15)  
**Ramin Javadi** (Isfahan University of Technology, Isfahan)  
**Title:** Expander Graphs: Intrinsic Structures
- 1401/04/01 (June 22)  
**Fatemeh Baharifard** (Institute for Research in Fundamental Sciences (IPM), Tehran)  
**Title:** An Introduction to Scientific Machine Learning

Except for International Workshop on Extremal Combinatorics, all webinars are scheduled for 2 pm Tehran time. Here is the link for more information and updates about the webinars:

<https://groups.google.com/g/ipmccs>