

<b>Wednesday, January 31, 2024</b>		
<b>8:00 - 8:50</b>	<b>Registration</b>	
<b>8:50 - 9:00</b>	<b>Opening</b>	
<b>9:00 - 9:40</b>	<b>Saeed Tafazolian</b> University of Campinas, Brazil	Geometric Goppa Codes
<b>9:45 - 10:25</b>	<b>Mesut Şahin</b> Hacettepe University, Turkey	Codes on Subgroups of Weighted Projective Tori
<b>10:30 - 10:50</b>	<b>Yağmur Çakıroğlu</b> Hacettepe University, Turkey	Algebraic Invariants of Codes on Weighted Projective Plane
<b>Coffee Break</b>		
<b>11:20 - 12:00</b>	<b>Elena Guardo</b> (Online) University of Catania, Italy	Expecting the Unexpected: Quantifying the Persistence of Unexpected Hypersurfaces
<b>12:05 - 12:45</b>	<b>Manoj Kummini</b> Chennai Mathematical Institute, India	Polynomial Invariant Rings in Modular Invariant Theory
<b>Group photo and Lunch</b>		
<b>14:10 - 14:50</b>	<b>Imran Anwar</b> Lahore University of Management Sciences, Pakistan	Algebraic Invariants of Interval Subdivided Complexes
<b>14:55 - 15:35</b>	<b>Shaheen Nazir</b> (Online) Lahore University of Management Sciences, Pakistan	Combinatorics and Topology of Complexes of Multichains
<b>15:40 - 16:00</b>	<b>Amit Roy</b> (Online) National Institute of Science Education and Research Bhubaneswar, India	Fröberg's Theorem, Vertex Splittability and Higher Independence Complexes
<b>Coffee Break</b>		
<b>16:30 - 16:50</b>	<b>Ali Akbar Yazdanpour</b> Institute for advanced studies in basic sciences (IASBS), Iran	Methods of Gluing Hypergraphs with Nice Topological and Combinatorial Properties
<b>16:55 - 17:15</b>	<b>Fahimeh Khosh-Ahang Ghasr</b> Ilam University, Iran	Some Algebraic and Combinatorial Properties of Graphs under Graph Operations
<b>17:20 - 17:40</b>	<b>Hero Saremi</b> Islamic Azad University (Sanandaj branch), Iran	Strong Persistence and Associated Primes of Powers of Monomial Ideals
<b>Social dinner * (19:00-21:00)</b>		
* Those who are interested, send an email with subject "19_commalg_dinner" to "ipmcommalg@ipm.ir" before <b>January 27th</b> .		

The 19th Seminar on  
Commutative Algebra and Related Topics,  
January 31-February 1, 2024, School of Mathematics, IPM, Tehran

<b>Thursday, February 1<sup>st</sup>, 2024</b>		
<b>9:00 - 9:40</b>	<b>Alireza Nasr-Isfahani</b> University of Isfahan and IPM, Iran	Finiteness of $n$ -cluster Tilting Subcategories of the Module Categories
<b>9:45 - 10:25</b>	<b>Razieh Ahmadian</b> Shahid Beheshti University, Iran	Toric and Toroidal Morphisms under the Affine Microscope
<b>Coffee Break</b>		
<b>11:00 - 11:40</b>	<b>Sudhir Ghorpade</b> Indian Institute of Technology Bombay, India	Minimal Free Resolutions, Shellability, Matroids, and Codes
<b>11:45 - 12:25</b>	<b>Sara Saeedi Madani</b> Amirkabir University of Technology and IPM, Iran	Matroids and their Cycle Polytopes and Algebras
<b>12:30 - 12:50</b>	<b>Marie Amalore Nambi</b> Indian Institute of Technology Hyderabad, India	Positive Matching Decomposition of Hypergraphs
<b>Lunch</b>		
<b>14:00 - 14:50</b>	<b>S. Hamid Hassanzadeh</b> Federal University of Rio de Janeiro, Brazil	Holomorphic Foliations and Koszul Homologies
<b>14:55 - 15:15</b>	<b>Maral Mostafazadehfard</b> Federal University of Rio de Janeiro, Brazil	On the Reduction of Hankel Determinantal Ideals
<b>15:20 - 15:40</b>	<b>Suprajo Das</b> Indian Institute of Technology Bombay, India	On the Epsilon Multiplicity of Monomial Ideals
<b>15:45 - 16:05</b>	<b>Sudeshna Roy</b> Tata Institute of Fundamental Research, India	Graded Components of Local Cohomology Modules Supported on $C$ -Monomial Ideals
<b>Excursion (Visiting Roya Park) *</b>		
*Those who are interested, send an email with subject "Excursion" to "ipmcommalg@ipm.ir" before January 22th.		