

*The 14<sup>th</sup> Seminar on  
Commutative Algebra and Related Topics, January 3 and 4, 2018  
School of Mathematics, IPM, Tehran*

## Program

**1<sup>st</sup> day, Wednesday, January 3, 2018**

<b>8:00-8:50</b>	Registration	
<b>8:50-9:00</b>	Opening	
<b>9:00-9:55</b>	<b>Le Tuan Hoa</b> Institute of Mathematics, Hanoi, Vietnam	<i>On the Behavior of Depths of Powers of Monomial Ideals</i>
<b>10:00-10:25</b>	<b>Kamran Lamei</b> University of Tehran	<i>The Green-Lazarsfeld Index of Veronese Embeddings</i>
<b>10:30-11:00</b>	Coffee Break	
<b>11:00-11:55</b>	<b>Saeed Nasseh</b> Georgia Southern University, USA	<i>Local Rings with (quasi-)decomposable Maximal Ideal</i>
<b>12:00-12:25</b>	<b>Ahad Rahimi</b> Razi University	<i>Squarefree Monomial Ideals with Maximal Depth</i>
<b>12:30-14:00</b>	Lunch	
<b>14:00-14:40</b>	<b>Sara Saeedi Madani</b> Amirkabir University of Technology	<i>Free Resolutions of Binomial Edge Ideals</i>
<b>14:45-15:10</b>	<b>Reza Saeedeh</b> Urmia University	<i>Atom Supports and Associated Atoms in Abelian Categories</i>
<b>15:15-15:45</b>	Coffee Break	
<b>15:45-16:25</b>	<b>Mehdi Dorreh</b> IPM	<i>Injective Dimension of Holonomic D-modules and F-finite Modules</i>
<b>16:30-16:55</b>	<b>Parvaneh Nadi</b> Amirkabir University of Technology	<i>Lyubeznik Tables of Ideals of Cycle Graphs</i>
<b>17:00-17:25</b>	<b>Amin Nematbakhsh</b> IPM	<i>The Ideal of Maximal Flags of a Poset</i>

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**2<sup>nd</sup> day, Thursday, January 4, 2018**

9:00-9:55	<b>Tim Römer</b> Universität Osnabrück, Germany	<i>Commutative Algebra up to Symmetry and FI-modules</i>
10:00-10:25	<b>Mina Bigdeli</b> IPM	<i>The Behavior of the Betti Table of Squarefree Monomial ideals under some Extension Process</i>
10:30-11:00	<b>Coffee Break</b>	
11:00-11:55	<b>Hamid Hassanzadeh</b> Federal University of Rio de Janeiro, Brazil	<i>Upper Bound for the Degree of the Inverse of a Birational Map</i>
12:00-12:25	<b>Razieh Vahed</b> Khansar Faculty of Mathematics	<i>Morita Theory for Derived Categories of Functor Categories</i>
12:30-14:00	<b>Group Photo and Lunch</b>	
14:00-14:40	<b>Rasoul Ahangari Maleki</b> IPM	<i>Koszul Cycles and Golod Rings</i>
14:45-15:10	<b>S. Shahab Arkian</b> Farhangian University	<i>On the Ratliff-Rush Closure of Ideals</i>
15:15-15:45	<b>Coffee Break</b>	
15:45-16:25	<b>Hossein Eshraghi</b> University of Kashan	<i>On Derived Equivalences of Artin Algebras</i>
16:30-16:55	<b>Mehran Rahimi</b> Kharazmi University	<i>Rings with Canonical Reduction</i>