

Schedule

Day 1: Wednesday, January 16, 2019

8:00-8:50	Registration	
8:50-9:00	Opening	
9:00-9:55	Emanuela De Negri (Università di Genova, Italy)	Cartwright-Sturmfels ideals of graphs and linear spaces
10:00-10:25	Ali Soleyman Jahan (University of Kurdistan, Iran)	Linear syzygy graph, linear resolution, linear quotients and variable decomposability
10:30-11:00	Coffee Break	
11:00-11:55	Amir Mafi (University of Kurdistan, Iran)	Results on linear resolution and polymatroidal ideals
12:00-12:25	Rasoul Ahangari Maleki (IPM, Iran)	The absolutely Koszul and Backelin-Roos properties for spaces of quadrics of small codimension
12:30-14:00	Group photo & Lunch	
14:00-14:55	Russ Woodroffe (University of Primorska, FAMNIT, Slovenia)	Arrangements and the independence polynomial
15:00-15:25	Sara Saeedi Madani (Amirkabir University of Technology, Iran)	Toric algebras arising from cuts in graphs
15:30-15:55	Mohammad Rouzbahani Malayeri (Amirkabir University of Technology, Iran)	On a conjecture about Castelnuovo-Mumford regularity of binomial edge ideals
16:00-16:30	Coffee Break	
16:30-16:55	Abbas Nasrollah Nejad (Institute for Advanced Studies in Basic Sciences (IASBS), Iran)	The Gauss algebra of toric algebras
17:00-17:25	Zahra Shahidi (Institute for Advanced Studies in Basic Sciences (IASBS), Iran)	Torsion-free Aluffi algebras
17:30-18:00	Ceremony in honor of Prof. Ansari Toroghi	

The 15th Seminar on
Commutative Algebra and Related Topics, January 16,17, 2019
School of Mathematics, IPM, Tehran, Iran

Day 2: Thursday, January 17, 2019

9:00-9:55	Enrico Sbarra (Università degli Studi di Pisa, Italy)	Jet schemes ideals of Pfaffians
10:00-10:25	Amin Nematbakhsh (IPM, Iran)	Linear strands of edge ideals of multipartite uniform clutters
10:30-11:00	Coffee Break	
11:00-11:55	Zahra Nazemian (IPM, Iran)	Some new classes of modules to tackly Enochs' conjecture
12:00-12:25	Fahimeh Sadat Fotouhi (Isfahan University, Iran)	Using Gabriel-Roiter (co)measure for maximal Cohen-Macaulay modules
12:30-14:00	Lunch	
14:00-14:55	Abdolnaser Bahlekeh (Gonbade-Kavous University, Iran)	Fully decomposability of balanced big Cohen--Macaulay modules
15:00-15:25	Majid Eghbali (Tafresh University, Iran)	A view to set-theoretically Cohen-Macaulay ideals
15:30-16:00	Coffee Break	
16:00-16:25	Shamila Bayati (Amirkabir University of Technology, Iran)	Multigraded shifts of monomial ideals
16:30-16:55	Amir Saki (Amirkabir University of Technology, Iran)	Lattice theoretical approaches for Racks