

MOCCA's Timetable

	M O N D A Y	T U E S D A Y	W E D N E S D A Y	T H U R S D A Y	F R I D A Y
9:00 - 10:00	Holger Brenner Binoids	Rafael Villarreal Algebraic properties and invariants of lattice and matrix ideals	Christos Athanasiadis Combinatorics of subdivisions and local h-vectors	Peter Symonds Rings of invariant summands	Gunnar Floystad Boij-Söderberg theory: Connecting squarefree modules over polynomial rings and coherent sheaves on projective spaces
C O F F E E B R E A K					
10:20 - 11:20	Kevin Tucker On the Limit of the F-signature Function in Characteristic Zero	Christine Berkesch Zamaere Torus invariants and binomial D-modules	Martina Kubitzke Betti numbers of subdivision operations	Ines Henriques Multiplier, test and Invariant ideals for determinantal objects	Claudiu Raicu The syzygies of some thickenings of determinantal varieties
11:30 - 12:30	Hailong Dao On some new connections between commutative algebra and combinatorial commutative algebra	Alex Fink Frobenius splitting of matrix Schubert varieties and Gaussian graphical models	Satoshi Murai Tight triangulated manifolds and graded Betti numbers	Emilie Dufresne Separating invariants and local cohomology	Adam Boocher From Toric Ideals to Matroids via Betti Numbers
L U N C H					
15:00 - 16:00	Anurag Singh Local cohomology over the integers	Anton Leykin Toric ideals finitely generated up to symmetry	O R G A N I	Diane Maclagan Tropical commutative algebra	Marius Vladoiu Markov bases of lattice ideals
Z					
C O F F E E B R E A K					
16:30 - 17:30	Emanuela De Negri Universal Gröbner bases for maximal minors	Michal Lason On the toric ideal of a matroid and related problems	E D F U N !	Josephine Yu Tropicalizing the positive semidefinite cone	Aldo Conca Syzygies of Koszul algebras
C O F F E E B R E A K					