Colloquium

Friday, January 30, 2015

2:00-2:50 pm in Hume 331

Intersection Algebras

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In this talk I will discuss a class of semigroup rings, called intersection algebras, that have interesting algebraic and combinatorial properties. These algebras occur naturally in relation to powers of ideals in a commutative ring. Connections to the theory of linear diophantine equations will be explored. This is joint work with Sara Malec and, independently, John Hull.