

Matrix Factorizations in Algebra, Geometry, and Physics

Monday, Sept. 2, 2013

09:00–10:00 Eric Sharpe, *Matrix factorizations and some realizations of homological projective duality in physics via GLSMs*

11:00–12:00 Umut Isik, *Homological Projective Duality for GIT quotients*

15:30–16:30 Nils Carqueville, *Orbifold completion*

17:00–18:30 5-minute presentations (see separate list)

20:00–22:00 5-minute presentations (see separate list)

Tuesday, Sept. 3, 2013

09:00–10:00 Daniel Murfet, *Remarks on computation and geometry*

11:00–12:00 Tobias Dyckerhoff, *Triangulated surfaces in triangulated categories*

16:00–17:00 Alexander Polishchuk, *Matrix factorizations and cohomological field theories*

17:30–18:30 Helmut Lenzen, *Categories of matrix factorizations for Brieskorn (and triangle) singularities*