

ALGEBRA AND NUMBER THEORY
SEMINAR

Higher-dimensional Tate-Shafarevich groups

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Abstract: his talk will examine local-global principles for objects defined over fields of the form $K(X)$ where K is a complete discretely valued field and X/K is a curve. In particular, we will examine torsors for linear algebraic groups and the measure the failure/success of local-global principles defined with respect to a variety of different types of “local versions” of our fields. This is joint work with David Harbater and Julia Hartmann.

Tuesday, October 19, 2010, 3:00 pm
Mathematics and Science Center: E408

MATHEMATICS AND COMPUTER SCIENCE
EMORY UNIVERSITY