Harvard-M.I.T. Algebraic Geometry Seminar

LINEARLY REDUCTIVE GROUP SCHEMES, TAME STACKS AND STABLE MAPS

DAN ABRAMOVICH
Brown University

Joint work with M. Olsson and A. Vistoli. We describe finite linearly reductive group schemes in any characteristics, and use them to define tame Artin stacks, arguably an appropriate replacement in characteristic p for Deligne–Mumford stacks in characteristic 0. In particular there is a good and useful theory of stable maps into tame Artin stacks.

Remark: The topics actually covered will be pretty much disjoint from my talk of the same title at Brandeis.

Tuesday, March 7th
3:00 p.m.
Harvard Science Center 507

http://www-math.mit.edu/ags/