

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

THE MONSKY-WASHNITZER SITE

Dingxin Zhang
Brandeis University

March 28, 2018, 4:00 – 5:00pm
Math/Computer Science, Room 148
111 Cummington Street, Boston

Tea: 3:45pm in Room 144

Abstract: Rigid cohomology defined by Berthelot agrees with the formal cohomology defined Monsky and Washnitzer for smooth affine varieties. Motivated by this, mimicking the convergent theory of Ogus, we define a site using weakly completed algebras. We show a certain sheaf cohomology of this site agrees with Berthelot's rigid cohomology

See <http://math.bu.edu/research/geom/seminar.html> or contact Yoosik Kim (yoosik@bu.edu) or Siu-Cheong Lau (lau@math.bu.edu) for more information.