

BOSTON UNIVERSITY NUMBER THEORY SEMINAR

# Computing zeta functions of nondegenerate toric hypersurfaces

Edgar Costa  
Dartmouth College

Monday, December 4 at 4:15 pm  
111 Cummington Mall, MCS B21  
Tea and cookies in MCS 144 at 4:00 pm

**Abstract:** We report on an ongoing joint project with Kiran Kedlaya and David Harvey on the computation of zeta functions of nondegenerate toric hypersurfaces over finite fields using  $p$ -adic cohomology.