

1112-14-328

Donu Arapura*, Dept Math, Purdue University, West Lafayette, IN 47905. *Étale fundamental groups of smooth and normal projective varieties.*

By way of background, I will say a few words about some structural results for Kähler groups (fundamental groups of compact Kähler manifolds) proved over 20 years, by Gromov, Bressler-Ramachandran and me. Then I want to discuss an extension to fundamental groups of projective varieties in positive characteristic. My original argument, which appears in *Compositio*, applies only to smooth varieties. But I have recently found a different argument, that extends to normal varieties. I will try to explain if I have time. (Received August 07, 2015)