

# Group actions on homotopy $K3$ 's

Weimin Chen  
(U. Massachusetts, Amherst)

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$K3$  surface is known to have the "largest" number of exotic smooth structures ( $K3$  with an exotic smooth structure is called a homotopy  $K3$ ). In this talk we will discuss several recent results (joint with S. Kwasik) about finite group actions on homotopy  $K3$ 's which reflect the following intuitive principle: exotic smooth structures are less symmetric.

1:00 p.m.  
Math 507  
Columbia University