

**Meeting:** 1003, Atlanta, Georgia, SS 30A, AMS Special Session on Analysis Problems in Modern Physics, I

1003-58-1458      **Mark A Stern\*** ([stern@math.duke.edu](mailto:stern@math.duke.edu)). *B fields for geometers and analysts.*

I will discuss recent progress towards finding a precise geometric realization of B fields and higher p form gauge potentials which is suitable both for string theory and for geometric analysis. (Received October 05, 2004)