

**Meeting:** 1002, Pittsburgh, Pennsylvania, SS 12A, Special Session on Geometric Analysis and Partial Differential Equations in Subelliptic Structures

1002-35-195      **Cristian E Gutierrez\*** ([gutierrez@math.temple.edu](mailto:gutierrez@math.temple.edu)), Department of Mathematics, Temple University, Philadelphia, PA 19122. *On Monge-Ampere type equations in the Heisenberg group.*

In this talk, we will describe results concerning convexity, maximum and comparison principles and applications to Monge-Ampere type equations in the Heisenberg group. (Received September 14, 2004)