Meeting: 1000, Albuquerque, New Mexico, SS 13A, Special Session on Analysis and Geometry in Carnot-Caratheodory Spaces

1000-28-110 **Valentino Magnani*** (`magnani@dm.unipi.it`), via Buonarroti 2, 56127 Pisa, Italy. *Blow-up and coarea formula in Heisenberg groups.* Preliminary report.

A blow-up theorem for regular surfaces of arbitrary codimension in Heisenberg groups will be presented. As a consequence, we will show the validity of an intrinsic coarea formula for mappings defined on Heisenberg groups. (Received August 20, 2004)