

Meeting: 1000, Albuquerque, New Mexico, SS 3A, Special Session on Algebraic Geometry

1000-14-40 **Daniele Arcara*** (arcara@math.utah.edu), Department of Mathematics, University of Utah, 155
S. 1400 E. Room 233, Salt Lake City, UT 84102. *On the base locus of the generalized theta divisor.*

We produce a lower bound for the dimension of the base locus of the generalized theta divisor on the moduli space $SU_C(r)$ of semi-stable vector bundles of rank r and trivial determinant on a smooth curve C of genus $g \geq 2$. (Received August 03, 2004)