

**Shinobu Hikami**

**Title: Supermatrices and Landau-Ginzburg potentials**

Abstract: Random matrices with an external source have relations to Landau-Ginzburg potentials for primary fields with  $A_{p-1}$  type singularities in flat coordinates. The extension to supermatrices is discussed for Landau-Ginzburg potential of  $D_n$  type and open/closed intersection numbers of arbitrary numbers of marked points and genus. This is a joint work with E. Brezin.