

**CONFERENCE ON LIE GROUPS, LIE ALGEBRAS  
AND THEIR REPRESENTATIONS  
UNIV. OF CALIFORNIA, SANTA BARBARA,  
April 21-22, 2007**

All talks will take place in South Hall 6635.

*Program: Saturday, April 21*

Time	Speaker	Title
10:15am	Coffee	
11:00am	David Morrison (UCSB)	Connections – expected and unexpected – between Lie groups, string theory, and algebraic geometry
2:00pm	Allen Knutson (UCSD)	The commuting variety, the Brauer algebra, orbital varieties, and statistical mechanics
3:15pm	Sergei Gukov (UCSB)	Ramifications of gauge theory and the geometric Langlands program
4:30pm	Ilya Shapiro (UCD)	BRST reduction of the chiral Hecke algebra

*Sunday, April 22*

Time	Speaker	Title
8:00am	Coffee	
08:30am	Gestur Olafsson (LSU)	Paley–Wiener theorems for compact symmetric spaces
9.45am	Christian Blohmann (UCB)	Lie theory on differentiable stacks
11.00am	Martin Weissman (UCSC)	Multiplying modular forms