

**Lie Groups, Lie Algebras and their Representations**  
**University of California, San Diego,**  
**January 10-11, 2002**

**Thursday, January 10, 2002**

**All lectures on Thursday except Professor Howe's colloquium will be in room 7421 APM**

**Coffee: 10:15 - 11:00 AM**

Time: 11:00 AM

Location: 7421 APM

Speaker: Professor Jeb Willenbring  
Yale University

Title: An application of the Littlewood restriction formula to the Kostant-Rallis theorem

Time: 2:00 PM

Location: 7421 APM

Speaker: Professor Roberto Miatello  
UCSD Visiting Professor from University of Cordoba

Title: Applications of the generalized Kutnetsov formula to Hilbert modular groups

**Break**

Time: 4:00 PM

Location: **6438 APM**

Speaker: Professor Roger Howe  
Yale University

Title: Branching laws and qubits  
(Professor Howe's Lecture will also be a regular colloquium)

**\*\*Thursday evening there will be a dinner at Fidels. All participants are invited to attend\*\***

**Friday, January 11, 2002**

**All lectures will be in room 6438 APM**

**Coffee: 9:45 - 10:30 AM**

Time: 10:30 AM

Location: 6438 APM

Speaker: Professor Markus Hunziker  
University of Georgia

Title: Hilbert series of determinantal varieties and highest weight representations

Time: 1:30 PM

Location: 6438 APM

Speaker: Professor Ben Cox  
College of Charleston

Title: Realizations of toroidal  $sl(2)$

**Break**

Time: 3:00 PM

Location: 6438 APM

Speaker: Professor Nolan Wallach  
UCSD

Title: Symbolic methods for several copies of multiple qubits of multiple qubits