

# Sophus Lie Days at Cornell University

September 8-9, 2007  
Malott Hall, Room 406

## PROGRAM

### SATURDAY, September 8

- |                   |  |
|-------------------|--|
| 9:30am – 10:30am  | <u>R. Sjamaar</u> , Cornell University<br><i>A Quick Introduction to Lie Groups<br/>and Lie Algebras I</i> |
| 11:00am – 12:00pm | <u>G. Zuckerman</u> , Yale University<br><i>Lie Algebras of Vector Fields</i>                              |
| 2:00pm – 3:00pm   | <u>D. Barbasch</u> , Cornell University<br><i>E<sub>8</sub> for Undergrads</i>                             |
| 3:30pm – 4:30pm   | <u>V. Kac</u> , MIT<br><i>Dirac Operators with Cubic Terms</i>   |

### SUNDAY, September 9

- |                   |   |
|-------------------|---|
| 10:00am – 11:00am | <u>G. Zuckerman</u> , Yale University<br><i>Lie Algebras of Derivations</i> |
| 11:30am – 12:30pm | <u>V. Kac</u> , MIT<br><i>W-Algebras and Representation Theory</i>          |