



**DEPARTMENT OF PHYSICS
AND PHYSICAL OCEANOGRAPHY**

**“Symmetry and Supersymmetry in
Mathematics and Physics”**

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Abstract: I will start with basic notions in Lie theory and representation theory that are important in theoretical physics. I will explain what is a Lie superalgebra and explain results in classification of their representations. Lie superalgebras are used to understand the supersymmetry in physics.

**FRIDAY FEBRUARY 16, 2018
2:00 PM
DELOACH HALL, ROOM 212**

Refreshments will be served at 1:50 PM

