

**Reverend George V. Coyne, S.J. Lecture in
Astronomy and Astrophysics**

**SUSY and the Lords of the Ring
Supersymmetry Theory**

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The last decade in physics has led to a array of new ideas including one called supersymmetry. SUSY is its shorter name. If valid, Nature may soon begin to reveal the existence of “superpartners,” new forms of matter and energy. Names for such hypothetical objects such as selectrons, squarks, sneutrinos and winos have already been given. What are these objects? How does humanity learn more about them? At the CERN laboratory in Geneva, Switzerland nearing completion is a ring that will help rule upon them all. It is called the LHC (Large Hadron Collider). Come to this lecture and learn about this Fellowship of the Ring.

**Thursday, February 28 at 7:00pm
Marquette University
Alumni Memorial Union
Ballroom C -D**