

PAUL SCHERRER INSTITUT



# Particle Theory Seminar

**E. Mirabella**

*MPI München*

“Electroweak contributions to squarks and gluinos  
production processes at the LHC”

**Thursday, December 11, 2008, 11:30**

**WBGB/021**

**Abstract:**

Direct Production of squarks and gluinos will be one of the most important SUSY discovery channels at the LHC. After a brief review of the processes leading to the production of such particles, I will present their EW contributions. The numerical impact of these contributions in the case of squark–anti-squark, squark–gluino and gluino–gluino production will be discussed.