

Abstract for an Invited Paper  
for the SES09 Meeting of  
The American Physical Society

**New Physics Searches with Early LHC Data**

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I will discuss the prospects for new physics searches with the early LHC data. I will review several new physics scenarios which lead to signatures that are rich in leptons and/or photons and may be observable in the early LHC data. I will also discuss the possibility of measuring the masses and spins of the new particles in events with missing transverse energy.