

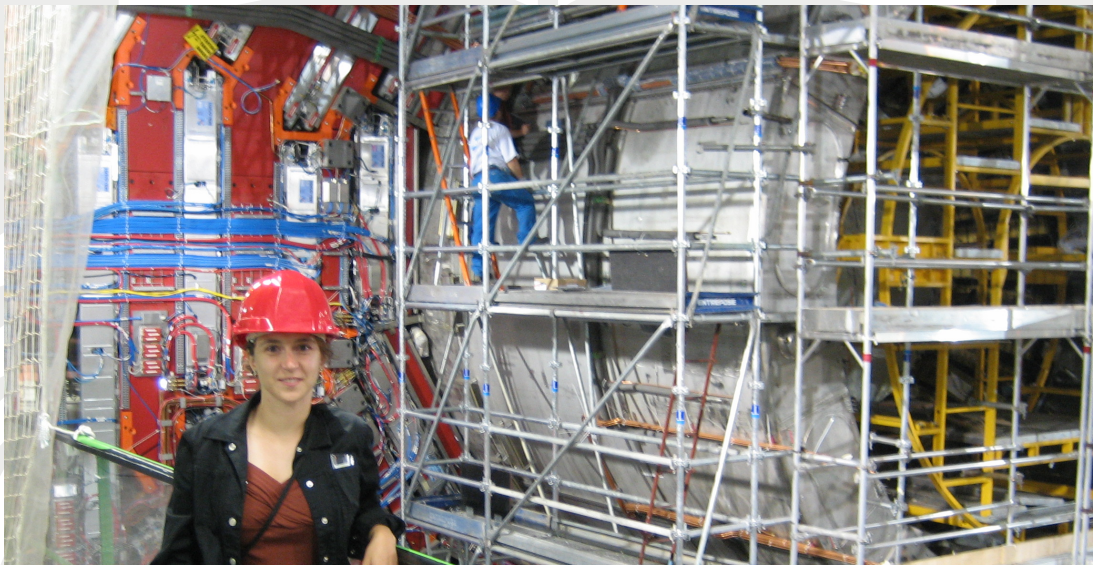
# HIGH ENERGY PHYSICS

THE UNIVERSITY OF CHICAGO  
ENRICO FERMI INSTITUTE

## The Monday HEP Seminar

PRESENTS:

**“Latest results on SUSY searches from CMS”**



**Eva Halkiadakis  
Rutgers University**

**Abstract:** In this talk, I will highlight some of the latest searches for SUSY performed with the CMS detector at the LHC using the 8TeV dataset up to 20/fb. The results cover a broad range of signatures and final states, and probe a large range of the SUSY parameter space. The searches set stringent limits on the production of 1st and 2nd generation squarks and gluinos, 3rd generation squarks, EWK gauginos, sleptons, and include searches for R-parity violating SUSY.

**Monday, May 19, 2014  
4:15PM in LASR 162**

**If any assistance is needed, call Aspasia Sotir-Plutis in advance at (773) 702-8113**