

# HIGH ENERGY PHYSICS

THE UNIVERSITY OF CHICAGO  
ENRICO FERMI INSTITUTE

## The Monday HEP Seminar

PRESENTS:

### “The New g-2 Experiment at Fermilab”



**Mandy Kathleen Rominsky**  
**Fermilab**

The measurement of the anomalous magnetic moment of the muon provides a test of the standard model and a handle on physics beyond the standard model. A new experiment at Fermilab has been proposed to resolve the current discrepancy of  $3\sigma$  between theory and experiment. The principles, history and current experimental progress will be discussed in this presentation.

**Monday, June 2, 2014**  
**4:15PM**  
**in LASR 162**

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