

**SPECIAL JOINT PHYSICS/ASTRONOMY
COLLOQUIUM**, partially funded by the GSFEI

Ed Daw
University of Sheffield

“The Hunt for Gravitational Waves”

Thursday, 1/4

4:00 P.M., Ronald Geballe Auditorium, A-102, PAA
Reception at 3:45 P.M. in the lobby

Abstract:

Gravitational waves are oscillations in the geometry of space resulting from cataclysmic astrophysical events, from supernova explosions to the coalescence of pairs of neutron stars to the big bang singularity at the birth of the Universe. I will describe interferometric detectors, both existing and planned for the future, whose aims are the direct detection of gravitational waves and the study of the ultra-dense, energetic sources that generate them.

Monday, 1/1

No Colloquium or Seminar today. Happy New Year!

Tuesday, 1/2

INT Seminar Doron Gazit, The Hebrew University of Jerusalem
10:30 A.M., Rm. C-421, PAT “Title TBA”

Particle Theory Seminar Barak Bringoltz, Oxford University
2:30 P.M., Rm. TBA “Title TBA”

Wednesday, 1/3

INT Seminar Tuomas Lappi, Brookhaven National Laboratory
10:30 A.M., Rm. C-421, PAT “The Glasma Initial Conditions of Heavy Ion Collisions”

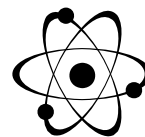
Thursday, 1/4

Joint Physics/Astronomy Colloquium Ed Daw, University of Sheffield
4:00 P.M., Rm. A-102, PAA “The Hunt for Gravitational Waves”

Friday, 1/5

No Seminars today.

seminars



January 1-5, 2007

