

# This Week at Physics



WISCONSIN

Department of Physics Seminar & Colloquium Notices For the Week of September 3<sup>rd</sup>

## Monday, September 10<sup>th</sup>

### Plasma Physics (Physics/ECE/NE 922)

**Seminar: Instabilities of a magnetized free shear layer in rotating liquid metal**

**Time:** 12:00 pm

**Place:** 1310 Sterling Hall

**Speaker:** Austin Roach, Princeton Plasma Physics Laboratory

## Tuesday, September 11<sup>th</sup>

### Chaos & Complex Systems

**Seminar: Computational complexity theory -- The world of P and NP**

**Time:** 12:05 pm

**Place:** 4274 Chamberlin

(refreshments will be served)

**Speaker:** Jin-Yi Cai, UW Department of Computer Science

## Wednesday, September 12<sup>th</sup>

### R. G. Herb Condensed Matter

**Seminar: How strain unintentionally causes quantum dots in silicon nano-devices**

**Time:** 10:00 am

**Place:** 5310 Chamberlin

**Speaker:** Ted Thorbeck, National Institute of Standards and Technology

## Thursday, September 13<sup>th</sup>

### R. G. Herb Condensed Matter

**Seminar: Competing Phases of 2D Electrons at  $\nu = 5/2$  and  $7/3$  in fractional quantum Hall systems**

**Time:** 10:00 am

**Place:** 5310 Chamberlin

**Speaker:** Jing Xia, University of California - Irvine

**NPAC (Nuclear/Particle/Astro/Cosmo) Forum: Astroparticle physics with the ARGO-YBJ detector**

**Time:** 2:30 pm

**Place:** 4274

**Speaker:** Dr. Roberto Iuppa, University of Rome "Tor Vergata", Roma, Italy

**Prospective Undergraduate Majors in Physics: PUMP Meeting**

**Time:** 4:00 pm

**Place:** 2241 Chamberlin Hall  
(Food & Soda will be served)

## Friday, September 14<sup>th</sup>

**Cosmology Journal Club: An Informal discussion about a broad variety of arXiv papers related to Cosmology**

**Time:** 12:00 pm

**Place:** 5242 Chamberlin Hall

**Physics Department Colloquium: Magnetic Reconnection in Plasmas: a Celestial Phenomenon in the Laboratory**

**Time:** 3:30 pm

**Place:** 2241 Chamberlin Hall (coffee at 4:30 pm)  
**Speaker:** Jan Egedal, MIT Dept. of Physics & Plasma Science and Fusion Center

See web version for latest data: <http://www.physics.wisc.edu/twap/view.ph>

Don't forget afternoon coffee and cookies Monday–Thursday in 3339 Chamberlin at 3:30. All are welcome!

09/07/2012