### Monday, February 20th

**NPAC (Nuclear/Particle/Astro/Cosmo) Forum:**
High-Energy Astrophysics with the High Altitude Water Cherenkov Experiment  
**Time & Place:** 11:00 am, 5280 Chamberlin Hall  
**Speaker:** John Pretz, Los Alamos National Lab  

**Plasma Physics (Physics/ECE/NE 922) Seminar:**  
Impulsive Fast Reconnection via Flux Rope Dynamics  
**Time & Place:** 12:00 pm, 2241 Chamberlin  
**Speaker:** Hantao Ji, Princeton Plasma Physics Laboratory  

**Condensed Matter Theory Group Seminar:**  
Topology of Quantum Discord  
**Time & Place:** 4:30 pm, 5310 Chamberlin  
**Speaker:** Nga Nguyen, UW-Madison

### Tuesday, February 21st

**Chaos & Complex Systems Seminar:**  
Evolution of intelligence  
**Time & Place:** 12:05 pm, 4274 Chamberlin  
**Speaker:** David Krakauer, Director, Wisconsin Institute for Discovery  

**“Physics Today” Undergrad Colloquium (Physics 301):**  
Square Monolayer Lattices  
**Time & Place:** 1:20 pm, 2223 Chamberlin  
**Speaker:** Louis Bruch, University of Wisconsin Department of Physics  

**Theory Seminar (High Energy/Cosmology):**  
W+jj: collider physics on the wild frontier  
**Time & Place:** 4:00 pm, 5280 Chamberlin Hall  
**Speaker:** Adam Martin, Fermilab

### Wednesday, February 22nd

**Department Meeting**  
**Time & Place:** 12:15 pm, 5310 Chamberlin Hall

### Thursday, February 23rd

**R. G. Herb Condensed Matter Seminar:**  
Seeing and Sculpting Nematic Liquid Crystal Textures with the Thom construction  
**Time & Place:** 10:00 am, 5310 Chamberlin  
**Speaker:** Bryan Chen, University of Pennsylvania  

**Plasma Physics (Physics/ECE/NE 922) Seminar:**  
Studying Fast Magnetic Reconnection with Laboratory Plasmas  
**Time & Place:** 12:00 pm, 4274 Chamberlin  
**Speaker:** William Fox, University of New Hampshire  

**Astronomy Colloquium:**  
“Star Formation, gas loss, and the molecular gas in simulations of evolving galaxies”  
**Time & Place:** 3:30 pm, 4421 Sterling Hall  
**Speaker:** Charlotte Christensen, University of Arizona  

**NPAC (Nuclear/Particle/Astro/Cosmo) Forum:**  
The Pierre Auger Observatory: the highest energy frontier  
**Time & Place:** 4:00 pm, 4274 Chamberlin Hall  
**Speaker:** Ines Valino Rielo, University of Santiago de Compostela

### Friday, February 24th

**Special NOON Astronomy Talk:**  
The early Evolution of the Milky Way Satellite Galaxies  
**Time & Place:** 12:00 pm, 4421 Sterling Hall  
**Speaker:** Professor Gerhard Hensler, Institute of Astronomy, University of Vienna  

**Theory Seminar (High Energy/Cosmology):**  
Title to be announced  
**Time & Place:** 2:00 pm, 5280 Chamberlin Hall  
**Speaker:** JiJi Fan, Princeton University  

**Physics Department Colloquium:**  
FT-IR spectrochemical imaging: Design and applications with Focal Plane Array and multiple beam synchrotron radiation source  
**Time & Place:** 3:30 pm, 2241 Chamberlin Hall (coffee at 4:30 pm)  
**Speaker:** Carol Hirschmugl, UW-Milwaukee

See web version for latest data:  [http://www.physics.wisc.edu/twap/view.ph](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!  
02/20/2012