

# Physics and Astronomy Day

Saturday, November 27, 2010

*Please be on time!*

<b>8:45 Coffee</b> and informal welcome session	Rm. 403 all
<b>9:00 Registration</b>	Rm. 403 all
<b>9:10 Welcome</b> to the Department of Physics & Astronomy	Rm. 403 P. Zetner
<b>9:30 Talk:</b> <i>"Why am I suddenly 10 years older than my twin ? Tales from the bizarre world of Einstein's relativity"</i>	Rm. 403 G. Gwinner
<b>10:10 Refreshment break</b> & assignment of experimental groups	Rm. 405 H. Matheson
<b>10:30 Physics experiments</b> in small groups:	
a) Aerodynamics of paper airplanes	Rm. 403 W. Ens
b) Materials at -200C: and you thought Winterpeg was cold!	Rm. 523 J. van Lierop
c) Charge to mass ratio of the electron	Rm. 402 H. Kumar
d) Medical physics with ultrasound	Rm. 319 D. Rickey
e) Spectroscopy: Light and the Fingerprints of an Atom	Rm. 326, 202 P. Zetner
<b>12:00 Lunch &amp; poster displays</b>	Rm. 405
<b>12:50 Talk:</b> <i>"Magnetic Fields in Astrophysics"</i>	Rm. 403 J. Fiege
<b>13:30 Planetarium Tour</b>	Univ. College H. Matheson
<b>14:30 Slide show:</b> Experiments and results, discussion	Rm. 403 P. Zetner
<b>14:50 Prize Draw</b>	Rm. 403 J. van Lierop
<b>15:00 Concluding Remarks</b>	Rm. 403 P. Zetner

Free parking is available in lot A on Saturdays  
Please avoid the row designated 24 hrs. Reserved staff parking.

