



**TUFTS UNIVERSITY**

**Department of Physics and Astronomy**

***Ph.D. Thesis Defense***

**“Off-Resonance NMR on  $^{15}\text{N}$  in  
Guanosine and Phase Cycling of  
Quadrupolar NMR on  $^{17}\text{O}$  in Silica”**

***Peter Lorenzo Malavè***

***Wednesday***

***August 10, 2011***

***2:30 pm***

***Robinson Hall, Room 250***