



# X-ray Grating Spectroscopy: Kinematics and Conditions in Hot Gas

**A Chandra Science Workshop**

**July 11-13, 2007 Cambridge, MA  
Sheraton Commander Hotel**

**Registration and abstract submission deadline:  
Wednesday May 02, 2007 (talks and posters)  
Wednesday May 30, 2007 (posters only)**

## **Workshop Goals:**

- ✦ Review progress afforded by X-ray grating spectroscopy of extragalactic and galactic sources
- ✦ Compare/contrast physical conditions in X-ray emitters/absorbers
- ✦ Review and compare available atomic data and codes
- ✦ Provide a forum for discussion of:
  - Controversial or unexpected new results
  - Potential new strategies for Chandra/XMM grating observations
  - The future of X-ray spectroscopy

**Scientific Organizing Committee:**  
Chair - Jane Turner (GSFC)  
Vice Chair - Nancy Brickhouse (SAO)

**Local Organizing Committee:**  
Chair - Paul Green

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