

*12-Years with Chandra*  
*an AAS*  
*Meeting within a Meeting*

Martin C. Weisskopf

October 25, 2010

# The Structure

- Six 90-minute sessions comprised of:
  - Two 30-minute review talks
  - Two 15-minute talks
- There will also be a parallel poster session
- Session titles:
  - Solar System
  - The X-ray Life of Stars
  - SNR and Compact Objects
  - Galaxies
  - AGN and SMBHs
  - Clusters and Groups of Galaxies

# The Mini Science Organizing Committee

- Massimillino Bonamente (UAH)
- Laura Brenneman (SAO)
- Michael Garcia (SAO)
- Ann Hornschemeier (NASA/GSFC)
- Chryssa Kouveliotou (NASA/MSFC),
- Andrew Ptak (NASA/GSFC)
- Douglas Swartz (USRA/MSFC)
- Leisa Townsley (PSU)
- Jan Vrtilek (SAO),
- Martin C. Weisskopf (NASA/MSFC) - Chair

# Review Speakers (Tentative)

- Session 1
  - Graziella Branduardi-Raymont (MSSL), “High Resolution Observations of Solar System Objects”
  - Brad Wargelin (SAO), “Covering Solar-Wind Charge Exchange from Every Angle with Chandra”
- Session 2
  - Manuel Guedel (University of Vienna), “Stellar X-rays, Cool and Hot”
  - You-Hua Chu (University of Illinois), “Star Formation in the Galaxy and the Magellanic Clouds”

# Review Speakers (Tentative)

- Session 3
  - Una Hwang (JHU/GSFC), “A Million Second Chandra View of Cassiopeia A”
  - Ed Cackett (IoA, England), “Search for relativistic Fe lines in Chandra spectra of NS and BH LMXBs”
- Session 4
  - Tom Maccarone, (Southampton, UK), “Compact Objects Formation in Globular Clusters, the Milky Way and External Galaxies”
  - Andrea Prestwich (SAO), “Formation of compact objects in low metallicity dwarf galaxies”

# Review Speakers (Tentative)

- Session 5
  - Francesca Civano (SAO), “It takes 2 to Tango - Merging AGN caught in the Act”
  - Elena Gallo (MIT), “AMUSE-Virgo: Down-sizing in Black Hole Accretion”
- Session 6
  - William Forman (CfA), “Cooling Cores, AGN, and the Mechanisms of Feedback”
  - Andrew Kravtsov (U. of Chicago) or Daisuke Nagai (Yale), “Cosmological consequences of Chandra observations of evolving clusters”