

# 12 Years of Science with Chandra

Meeting in a Meeting with the American Astronomical Society  
23rd - 25th May, 2011 - Boston, Massachusetts, USA

## What Chandra tells us about Solar System Objects 05/23/2011, 10AM-11:30AM

Martin C. Weisskopf: "The Chandra X-Ray Observatory: Current Status and Future Prospects"

Graziella Branduardi-Raymont: "High Resolution Observations of Solar System Objects"

Brad Wargelin: "Covering Solar-Wind Charge Exchange from Every Angle with Chandra"

Konrad Dennerl: "X-rays from Planetary Exospheres"

## What Chandra tells us about Stars 05/23/2011, 2PM-3:30PM

Manuel Guedel: "The X-ray Life of Stars"

Joel Kastner: "Shaping Outflows from Evolved Stars: Secrets Revealed by Chandra"

Jeremy Drake: "Swanning Around with Chandra: Star and Planet Formation in Cygnus OB2"

Mike Corcoran: "X-ray Line Diagnostics of Shocked Outflows in Eta Carinae and Other Massive Stars"

## What Chandra tells about SNR and Compact Objects 05/24/2011, 10AM-11:30AM

Una Hwang: "A Million Second Chandra View of Cassiopeia A"

Edward Cackett: "Search for relativistic Fe lines in Chandra spectra of NS and BH LMXBs"

Patrick Slane: "Using Chandra to constrain particle spectra in pulsar wind nebulae."

Joseph Neilsen: "GRS 1915+105: X-ray spectroscopic study of outflows"

## What Chandra tells us about Galaxies 05/24/2011, 2PM-3:30PM

Tom Maccarone: "Compact Object Formation in Globular Clusters, the Milky Way, and External Galaxies"

Bret Lehmer: "X-ray emission from high-redshift star forming galaxies, results from the Chandra Deep Field South 4 Ms survey"

K.D. Kuntz: "New ultra-deep Chandra observations of M82: properties of the very hot ISM"

Andrea Prestwich: "Formation of compact objects in low metallicity dwarf galaxies"

## What Chandra tells us about AGN and SMBHs 05/25/2011, 10AM-11:30AM

Francesca Civano: "It takes 2 to Tango - Merging AGN caught in the Act"

Elena Gallo: "AMUSE-Virgo: Down-sizing in Black Hole Accretion"

Shuang-Nan Zhang: "The Chandra view of the formation of dusty torus in AGN"

Meg Urry: "Results from the extended Chandra Deep Field South"

## What Chandra tells us about Clusters and Groups of Galaxies 05/25/2011, 2PM-3:30PM

William Forman: "Cooling Cores, AGN, and the Mechanisms of Feedback"

Ming Sun: "The Baryon Content of Galaxy Groups"

Karl Andersson: "X-ray Observations and Properties of Clusters Observed by the South Pole Telescope"

Andrey Kravtsov: "Cosmological Consequences of Chandra Observations of Evolving Clusters"

The SOC members are: Anil Bhardwaj (VSSC), Massimiliano Bonamente (Univ. of AL, Huntsville), Laura Brenneman (SAO), Ken Ebisawa (JAXA/ISAS), Andrew Fabian (IOA), Michael Garcia (SAO), Ann Hornschemeier (NASA/GSFC), Chryssa Kouveliotou (NASA/MSFC), Andrew Ptak (NASA/GSFC), Douglas Swartz (USRA/MSFC), Leisa Townsley (Penn State), Jan Vrtillek (SAO), and Martin C. Weisskopf (NASA/MSFC).

[HTTP://CXC.HARVARD.EDU/SYMPOSIUM\\_2011/](http://CXC.HARVARD.EDU/SYMPOSIUM_2011/)

