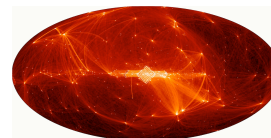
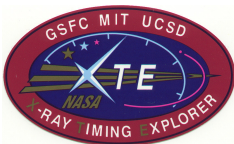


# "16 Years of Discovery with RXTE: A Celebration of the Mission"



## AGENDA

Note: All talks are 15 minutes (12+3).

Thursday, March 29, 2012

9:15 - 11:00

Tod Strohmayer (5 min.)

Welcome and Introduction

Session 1: Pulsars and Magnetars

Chair: Strohmayer

Speaker	Title
Al Levine	The RXTE All-Sky Monitor in Context
Chryssa Kouveliotou	RXTE and Magnetars: A unique story of success
Fotis Gavriil	RXTE's Contribution to the Study of Magnetars and High Magnetic Field Rotation-Powered Pulsars
Eric Gotthelf	Young Pulsars Discovered using RXTE
Frank Marshall	RXTE Observations of An Extraordinary Pulsar in the LMC
Robin Corbet	HMXB X-ray Pulsars in the Magellanic Clouds and The Galaxy

11:00 - 11:30 coffee

11:30 - 12:30

Session 2: The Versatile PCA

Chair: Strohmayer

Speaker	Title
Will Zhang	Some untold stories of the PCA
Mike Corcoran	Observing Winds in Collision with RXTE
Craig Markwardt	Measuring the Cosmic X-ray Background With RXTE Using Lunar Occultation
Kent Wood	RXTE Observations of Lunar Occultations of the Crab Nebula

12:30 - 1:45 lunch

Thursday, March 29, 2012

1:45 - 3:15

Session 3: Black Holes (I)

Chair: Marshall

Speaker	Title
Keith Jahoda	PCA calibration and Related Science
Tomaso Belloni	Black-Hole Transients: the unique RossiXTE legacy
Jon Miller	RXTE and Disk Reflection in Black Holes
Nikolai Shaposhnikov	Black Hole QPOs Phase Delays
Mike Nowak	My Three Favorite Black Holes: How RXTE Observations of Them Still Haunt My Dreams
John Tomsick	The "Help Save RXTE!" Campaigns and Catching a Giant Radio Flare from Cyg X-3 with RXTE and Fermi

3:15 - 3:45 coffee

3:45 - 5:15

Session 4: AGN, Neutron Stars (I) and CVs

Chair: Swank

Speaker	Title
Ian McHardy	The crucial role of RXTE in understanding AGN X-Ray variability
David Paneque	AGN blazar, multiwavelength campaigns
Alex Markowitz	Multi-Time Scale Spectral Variability of AGN
Rick Rothschild	Observational aspects of cyclotron lines
Jeroen Homan	A new ranking scheme for neutron-star low-mass X-ray binaries
Koji Mukai	RXTE Observations of Cataclysmic Variables and Symbiotic Stars

5:30 banquet, GSFC Rec. Center

Friday, March 30, 2012

9:15 - 10:30

Session 5: Neutron Stars (II)

Chair: Markwardt

Speaker	Title
Michiel van der Klis	Millisecond timing: intentions & outcomes
M. Coleman Miller	The Implications of kHz QPOs
Manuel Linares	Thermonuclear burning on rapidly accreting neutron stars: RXTE's legacy and recent discoveries
Fred Lamb	Implications of High-Precision RXTE Measurements of Thermonuclear X-ray Burst Spectra
Deepto Chakrabarty	Accreting Millisecond Pulsars and RXTE

10:30 - 11:15 coffee

11:15 - 12:30

Session 6: Black Holes II, and a Crab

Chair: Tomsick

Speaker	Title
Colleen Wilson-Hodge	When a Standard Candle Flickers: Crab Nebula Variations in Hard X-rays
Ron Remillard	RXTE Pursuit of Variability and X-ray States, plus a Few Fun Memories
Jeff McClintock	Black Hole Spin
Diego Altamirano	IGR J17091-3624: the last treasure discovered with RXTE
Katja Pottschmidt	Cygnus X-1 as seen by RXTE: on the edge (of transition)

End of Symposium

Poster Titles:

**“The Optical Ephemeris and X-ray Variability of 4U 1735-44 (V926 Sco)”**

A. B. Giles & K. M. Hill (University of Tasmania, School of Mathematics and Physics, Tasmania, Australia)

**“The RXTE AGN Survey”**

Elizabeth Rivers (UC San Diego, Center for Astrophysics & Space Science)

**“The Advanced X-ray Timing Array (AXTAR)”**

Paul S. Ray (NRL), Deepto Chakrabarty (MIT), Colleen A. Wilson-Hodge (MSFC), Bernard F. Phillips (NRL), Ronald A. Remillard (MIT), Alan M. Levine (MIT), Kent S. Wood (NRL), Michael T. Wolff (NRL), and the AXTAR Collaboration

**“The Large Observatory for X-ray Timing (LOFT): An ESA M-class Mission Concept”**

Paul S. Ray (NRL) for the LOFT Collaboration

**“Eta Carinae: The influence of RXTE light curves on HST/STIS and ground-based monitoring.”**

Ted Gull (NASA/GSFC)

**“Timing X-Ray Eclipses in EXO0748-676: The RXTE Legacy”**

M.T. Wolff (NRL), P.L. Hertz (NASA), P.S. Ray (NRL), and K.S. Wood (NRL)

**“Diskosiesmology Confronts Black Hole Spin”**

Bob Wagoner (Stanford University)

**“16 years of monitoring the Crab and B1509-58 pulsars”**

Arnold Rots (Harvard/Smithsonian CfA) & Keith Jahoda (NASA/GSFC)

**“The Cosmic Battery and its Role in the q-Diagram and Jet Behavior of XRBs”**

Demos Kazanas (NASA/GSFC)

**“The Neutron star Interior Composition Explorer”**

Keith Gendreau (NASA/GSFC), Zaven Arzoumanian (GSFC/CRESST/USRA), for the NICER team

**“Every second week for fourteen years: RXTE and friends observe Cygnus X-1”**

Victoria Grinberg (Remeis Observatory, Bamberg, Germany), and Katja Pottschmidt, Moritz Boeck, Joern Wilms, Michael A. Nowak, Farid Rahoui, Paolo Coppi, John E. Davis, Manfred Hanke, Sebastian Heinz, Dean C. Hines, Julia C. Lee, Dipankar Maitra, Sera B. Markoff, Guy G. Pooley, Jerome Rodriguez, Richard E. Rothschild, Slawomir Suchy, Frank Tramper, Sarah N. Trowbridge, Philip Uttley.