

Monday, October 29

JETS and JET ENVIRONMENTS

08:00 - 10:00 Registration

09:00 - 10:20 Jets 1

Chair: Amy Mioduszewski

09:00 Welcome

09:05 Elena Gallo (invited)

Multiwavelength observations of jets at high and low X-ray luminosities

09:35 John Tomsick

Watching the Formation and Evolution of Compact Jets from Accreting Black Holes

10:00 Saeqa Dil Vrtilek

Multiwavelength Studies of X-Ray Binaries

10:20 - 10:50 Morning Break and Poster Viewing

10:50 - 12:30 Jets 2

Chair: Amy Mioduszewski

10:50 Simone Migliari (solicited)

The complete spectrum of the compact jet from a neutron star X-ray binary

11:15 Sera Markoff

Understanding compact jets in weakly accreting black holes

11:35 POSTER POPS: Dipankar Maitra, Chizuru Akizuki

11:45 Miguel Charcos Llorens

Spectropolarimetry emission from microquasars

12:05 David Rothstein

Assembling the Ingredients for a Jet: How Do Large-Scale Magnetic Fields Get There and What Happens When They Do?

12:30 - 14:00 Lunch

14:00 - 15:50 Jets 3

Chair: Jocelyn Bell Burnell

14:00 Sebastian Heinz (invited)

How deep is your lobe? Microquasars and their impact on the ISM

14:30 POSTER POPS: Patrick Deegan, Paolo Soleri

14:35 James Miller-Jones (solicited)

GRS 1915+105: the relativistic jets and their effect on their surroundings

15:00 Michel Tagger

A regularity in the long-term behavior of GRS 1015+105

15:20 DISCUSSION

15:50 - 16:20 Afternoon Break and Poster Viewing

16:20 - 18:00 Jets & Black Hole Binaries

Chair: Jocelyn Bell Burnell

16:20 Marc Ribó (solicited)

Very-High-Energy observations of X-ray binaries

16:45 Marion Cadolle Bel

Broad-Band Spectral Changes and Multiwavelength Comparisons Between The Microquasar SWIFT J1753.5-0127 And The Two Faint Galactic Center X-ray Binaries XTE J1817-330 and XTE J1818-245

17:05 POSTER POPS: Norbert Schulz, Jesus Corral-Santana

17:15 Andrew Cantrell

An O/IR study of A0620: Discovery of State Transitions Within Quiescence

17:35 Amy Mioduszewski

Radio Imaging of V404 Cyg

Tuesday, October 30

FAINT GALACTIC and GALACTIC CENTER XRB POPULATIONS

10:00 - 12:15 Faint Galactic XRB Populations 1

Chair: Rudy Wijnands

10:00 Peter Jonker (invited)

New results from multiwavelength observations of recently discovered faint Galactic X-ray binaries

10:30 Eric Pfahl (solicited)

Dynamical production of Binary X-ray Sources in the Galactic Center

10:55 POSTER POPS: Cynthia Froning, Reba Bandyopadhyay

11:05 Andrew Gosling

Counterparts to the Galactic Centre X-ray Sources

11:25 Jon Mauerhan

Massive Stellar X-ray Sources in the Galactic Center

11:45 POSTER POPS: Melania Del Santo, Charles Bradshaw

11:50 Valerie Mikles

X-ray and infrared observations of a Chandra low-luminosity source

12:15 - 13:45 Lunch

13:45 - 15:30 Faint Galactic XRB Populations 2

Chair: Rudy Wijnands

13:45 Craig Heinke (solicited)

Cataclysmic variables in globular clusters, the galactic center, and local space

14:10 POSTER POPS: Kristiina Byckling, Amanda Bayless

14:15 Koji Mukai

Novae as a Class of Transient X-ray Sources

14:35 POSTER POPS: Stefanie Wachter, Denis Leahy

14:40 Erik Kuulkers

An Unshrouded View of our Lively Galactic Bulge

15:00 DISCUSSION

15:30 - 16:00 Afternoon Break and Poster Viewing

16:00 - 17:50 Faint XRBs and Galactic LMXBs

Chair: Norbert Schultz

16:00 Jenő Sokoloski (solicited)

X-rays and Jets from Symbiotic Stars

16:25 POSTER POPS: Robin Corbet, Sean Farrell

16:35 Graham Wynn

The Outbursts and Duty Cycles of Long Period X-ray binaries

16:55 POSTER POPS: Rob Hynes, Teo Muñoz-Darias

17:00 Remon Cornelisse

An overview of the Bowen Survey; detecting a donor star signature in the optically bright LMXBs.

17:20 POSTER POPS: Tom Maccarone

17:25 Anthony Piro

The Turbulent Story of X-ray Bursts

Wednesday, October 31

OBSCURED XRB POPULATIONS including INTEGRAL SOURCES

09:00 - 10:30 Obscured XRBs and INTEGRAL Sources 1

Chair: Christoph Winkler

09:00 Tony Bird (invited)

Obscured populations revealed by INTEGRAL soft gamma-ray observations

09:30 Jerome Rodriguez

Description of the sources detected by INTEGRAL during the first 4 years

09:50 Andrew Norton

Are the INTEGRAL Intermediate Polars Different?

10:10 Ann Hornschmeier (solicited)

X-ray Emission from UVLGs and ULXs

10:35 - 11:00 Morning Break and Poster Viewing

11:00 - 13:00 Obscured XRBs and INTEGRAL Sources 2

Chair: Diana Hannikainen

11:00 Sylvain Chaty (solicited)

*Obscured high mass X-ray binaries and Supergiant Fast X-ray Transients:
Infrared observations of INTEGRAL sources*

11:25 Farid Rahoui

MIR observations of 12 Supergiant X-Ray Binaries

11:45 POSTER POPS: Sergei Grebenev, Adam Hill, Lionel Prat

11:55 Lara Sidoli

A new explanation for the Supergiant Fast X-ray Transients outbursts

12:15 Ignacio Negueruela

Fast supergiant X-ray transients as wind accretors

12:35 DISCUSSION

FREE AFTERNOON

Thursday, November 1

ULXs and EXTRAGALACTIC XRB POPULATIONS

10:00 - 12:15 ULXs

Chair: Ginevra Trinchieri

10:00 Andreas Zezas (invited)

Ultra-luminous X-ray sources and X-ray binary populations in nearby galaxies

10:30 Jose L. Galache

Monitoring Black Hole X-ray Transients in M31 with Chandra and HST

10:50 POSTER POPS: Nicola Brassington, Steven Shih, Dave Clark, Marina Orio

11:05 Hua Feng

Ultraluminous X-ray Sources: intermediate or stellar mass black holes?

11:25 Manfred Pakull

ULX: Beambags and optical counterparts

11:45 POSTER POPS: Matthew Schurch, Maren Hempel

11:50 Gregory R. Sivakoff

Variable Low-Mass X-ray Binaries in Early-Type Galaxies

12:15 - 13:45 Lunch

13:45 - 16:00 Extragalactic Populations

Chair: Tom Maccarone

13:45 Arunav Kundu (solicited)

The Low Mass X-Ray Binary - Globular Cluster Link and its Implications

14:10 Malcolm J. Coe

The amazing XRB population of the SMC

14:30 Vallia Antoniou

Study of the faint end of the X-ray source populations in the SMC

14:50 Lindsay Shaw Greening

Results from the Spectral Survey of the X-ray Point Source Population of Andromeda

15:10 Stefania Carpano

The extragalactic Wolf-Rayet/black-hole X-ray binary candidates NGC 300 X-1 and IC 10 X-1

15:30 DISCUSSION

16:00 - 16:30 Afternoon Break and Poster Viewing

16:30 - 17:50 Future Missions and Surveys

Chair: Rob Hynes

16:30 Michael P. Rupen

X-ray Binary Populations and the Radio Revolution

16:50 POSTER POPS: Fraser Lewis, Nick Raines

16:55 Steve Eikenberry

The FLAMINGOS-2 Galactic Center Survey

17:15 POSTER POPS: Michelle Edwards, Ginevra Trinchieri

17:25 Fiamma Capitanio

Correlating the WFC and IBIS hard X-ray surveys

19:30 - 23:00 Beach BBQ Banquet!

Friday, November 2

BINARY POPULATION SYNTHESIS and STELLAR EVOLUTION

09:00 - 10:45 Population Synthesis 1

Chair: Eric Pfahl

09:00 Natalia Ivanova (invited)

Binary population synthesis models and comparisons to recent observations

09:30 Vicky Kalogera

Models for Low-Mass X-Ray Binaries in Elliptical galaxies NGC3379 and NGC4278

09:50 POSTER POPS: Kosmas Gazeas, Janusz Ziolkowski

10:00 John M. Fregeau

The link between X-ray binaries and globular cluster dynamics

10:20 Rudy Wijnands

Enigmatic sub-luminous accreting neutron stars in our Galaxy

10:45 - 11:15 Morning Break and Poster Viewing

11:15 - 12:50 Population Synthesis 2

Chair: Vicky Kalogera

11:15 Stephen Justham (solicited)

Synthesis and Understanding: Modelling X-ray Binary Populations

11:40 Nikku Madhusudhan

Models for the Observable System Parameters of Ultraluminous X-ray Sources

12:00 Marat Gilfanov

Dynamical formation of LMXBs in the inner bulge of M31

12:20 DISCUSSION

12:50 - 13:00 Conference Summary/Wrap-up