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*

**15:50 - 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 Jeno 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 Munoz-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
A Population Explosion: Conference Schedule

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

- **11:55** Lara Sidoli
  *Fast supergiant X-ray transients as wind accretors*

- **12:15** Ignacio Negueruela
  *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!

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**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