

Schedule: MARAC 2017 – Titles Only

SATURDAY APRIL 8, 2017

9:00 – 5:15 PM

2048 Malott Hall (newer wing of Malott)

REGISTRATION: 9:00 – 9:30

Session I 9:30 – 11:00

9:30 – 9:45

Star Formation Histories Across M51, the Whirlpool Galaxy

Eufrazio, Rafael; Lehmer, Bret; Markwardt, Larissa
University of Arkansas

9:45 – 10:00

The Star-Formation History Dependence of X-ray Binary Formation: Clues from M51 (NGC 5194)

Lehmer, Bret; Eufrazio, Rafael; Markwardt, Larissa; et al.
University of Arkansas

10:00 – 10:15

The Star Formation Histories of Merging Galaxies in Intermediate Redshift Clusters

Deger, Sinan; Rudnick, Gregory
University of Kansas

10:15 – 10:30

Star Formation in the Outskirts of Galaxy Clusters

Mann, Justin
University of Kansas

10:30 – 10:45

Stellar Mass Fractions of Infrared-Selected Galaxy Clusters at $z \sim 1$

Decker, Bandon; Brodwin, Mark
University of Missouri - Kansas City

10:45 – 11:00

Surface Density of Dust-Obscured Galaxies Around $z \geq 1.3$ Galaxy Clusters

Saha, Ripon; Brodwin, Mark
University of Missouri - Kansas City

BREAK: 11:00 – 11:15

Session II 11:15 – 12:15 INVITED TALK

Star Formation and Feedback in Low Metallicity Galaxies at $z \sim 2$

Dr. Dawn Erb

University of Wisconsin – Milwaukee

Lunch 12:15 – 1:30

Session III 1:30 – 3:00

1:30 – 1:45

Terrestrial Effects of Nearby Supernovae in the Early Pleistocene

Melott, Adrian

University of Kansas

1:45 – 2:00

MSSM Neutralino as a Dark Matter Candidate

Maleki Sanukesh, Mehdi

Creighton University

2:00 – 2:15

Automatically Measuring Stellar Parameters Using an Artificial Neural Network

Lee-Brown, Donald; Anthony-Twarog, Barbara; Twarog, Bruce

University of Kansas

2:15 – 2:30

Milky Way Rotation Curve Models

Camarillo, Tia; Crandall, Sara; Ratra, Bharat

Kansas State University

2:30 – 2:45

Rotation Curves and the Mass Distribution of Growing Disk Galaxy Models

Berrier, Joel; Sellwood, J.A.

University of Nebraska Kearney, Rutgers University

2:45 – 3:00

Optimal Weights for Measuring Redshift Space Distortions in Multitracer Galaxy Catalogues

Pearson, David; Samushia, Lado; Gagrani, Praful

Kansas State University

BREAK: 3:00 – 3:30

Session IV 3:30 – 5:15

3:30 – 3:45

Testing Accretion Disk Winds Models of Broad Absorption Line Quasars with SDSS Spectra

Lindgren, Sean; Gabel, Jack
Creighton University

3:45 – 4:00

Synergy of WISE and SDSS in Stripe 82

Musin, Marat
University of Missouri

4:00 – 4:15

Incidence of WISE-selected Obscured AGNs in Major Mergers and Interactions from the SDSS

Weston, Madalyn; McIntosh, Daniel; Brodwin, Mark; Mann, Justin; Cooper, Andrew; McConnell, Adam; Neilsen, Jennifer
UMKC, UMKC, UMKC, UMKC & KU, UMKC & University of North Carolina at Chapel Hill, UMKC, UMKC & KU

4:15 – 4:30

Dependence of AGN Activity on Halo Mass and Redshift in the SPT- SZ Cluster Survey

Floyd, Benjamin; Brodwin, Mark
University of Missouri - Kansas City

4:30 – 4:45

Disk Colors in Field and Cluster Spiral Galaxies at $0.5 < z < 0.8$

Rudnick, Gregory; Jablonka, Pascale; Cantale, Nicolas
University of Kansas, École Polytechnique Fédérale de Lausanne (EPFL), EPFL

4:45 – 5:00

Galaxy Populations in IDCS 1426.5+3508 at $z = 1.75$

Shanabarger, Daniel; Brodwin, Mark
University of Missouri - Kansas City

5:00 – 5:15

Are Galaxy Major Mergers Frequent at Early Cosmic Time? Critical Data-Theory Tension, Selection Biases, and Future Prospects

Mantha, Kameswara Bharadwaj; McIntosh, Daniel H.; Brennan, Ryan; Conselice, Christopher J.; Ferguson, Henry C.; CANDELS collaboration
UMKC, UMKC, U. Rutgers, U. Nottingham, STScI, Multiple Institutions

POSTERS

Measuring X-ray Binary Accretion State Distributions in Extragalactic Environments using XMM-Newton

West, Lacey; Lehmer, Bret; Yukita, Mihoko; Hornschemeier, Ann; Ptak, Andrew; Wik, Daniel; Zezas, Andreas

University of Arkansas, University of Arkansas, Johns Hopkins University, NASA/GSFC, NASA/GSFC, NASA/GSFC, Crete

A First Robust Measurement of the Aging of Field Low Mass X-ray Binary Populations from Hubble and Chandra

Ferrell, Andrew; Lehmer, B.D.; Eufrazio, R.

University of Arkansas

Information Content of the Angular Multipoles of Redshift-Space Galaxy Bispectrum

Gagrani, Praful; Samushia, Lado

Kansas State University

Understanding Supermassive Black Hole Growth Mechanisms in the SSA 22 Protocluster

Bonine, Brett

University of Arkansas

A Physical Parameterization of the Evolution of X-Ray Binary Emission

Gilbertson, Woodrow; Lehmer, Bret; Eufrazio, Rafael

University of Arkansas

Missing Mass: Gravity Wells Independent of Mass

Gruber, Jason; Seyedmadani, Kimia; Gruber, Jace; Laviano, Ricki; Reed, Bryan

IMSG Laboratories-Astronomy Division, University of Colorado Boulder-Aerospace Sciences, Chiles Elementary Advanced Gifted

Light Elements in Chondrite Meteorites from the Baker Collection

Mills, Jack; Watters, Colby; Wheatley, Camden; Flores-Tores, Maria, Brinegar, Dalton;

Dennehy, Russel; Sivron, Ran

Baker University

photPARTY: Python Automated Square-Aperture Photometry

Symons, Teresa; Anthony-Twarog, Barbara

University of Kansas

Redshirt's Revenge: Studying the Importance of Mergers in the Assembly of Luminous Red Galaxies

Townsend, Mindy; Rudnick, Gregory

University of Kansas

Spectroscopic Analysis of the Metal-Deficient, Old Open Cluster NGC 2506

Anthony-Twarog, B. J.; Deliyannis, C.P.; Lee-Brown, D.; Twarog, B. A.

University of Kansas, Indiana University, University of Kansas, University of Kansas

Masters in Astronomy at Missouri State University

Dr. Peter Plavchan

Missouri State University

A Photometric Study of Four Eclipsing Binaries

Ryan, Austin; Powell, Lee; Gokhale, Vayujeet; Hahs, Gage

University of Nebraska Kearney, Truman State University

Simulating Radial Velocity Precursor Surveys for Target Yield Optimization for Future Direct Imaging Missions

Newman, Patrick; Plavchan, Peter

Missouri State University