

DAY 1 (Thurs, 10/17)

8.15-9:00 Registration

9:00-9:10 Welcome Address

9:10-9:15 Goals of the meeting

N. Cappelluti

Meg Urry

9.15-10.30 (10-min talks + 5 min questions/discussion)

AGN Clustering and environment A. Comastri (Chair)

AGN in Massive Galaxy Clusters

Clustering of X-ray Selected AGN

The Clustering of X-ray Luminous Quasars

Large scale AGN feedback in a galaxy overdensity

Clustering of CIV-selected AGN

Rebecca Canning

Akke Vitanen

Meredith Powell

Roberto Gilli

Justin Johnson

10:30-11:00 Break

11:00-12:30 (10-min talks + 5 min questions/discussion)

AGN Spectra/SEDs R. Gilli (chair)

Imposing limits on AGN spectral parameter space

The evolving X-ray spectrum of AGN

Spectral analysis is S82 and/ or J1030

SED fitting via xspec

Analysis of SED shapes versus Lx

Discussion Led by Dave S.

Tonima Tasnim Ananna

David Ballantyne

Alessandro Peca

Tracey Jane Turner

Connor Auge

Dave Sanders

12:30-2:00 Lunch

2:00-3:30 (10-min talks + 5 min questions/discussion)

Current Surveys N. Cappelluti (chair)

X-rays from QSOs in the first Gyr of the Universe

BASS AGN Survey

The Chandra Deep Wide Field Survey

Science with the Chandra Source Catalog

A complete NuSTAR sample of nearby CT-AGN

(15 minutes discussion at the end of the session)

Fabio Vito

Mike Koss

Alberto Masini

Francesca Civano

Stefano Marchesi

Led by M. Powell

3:45-4.10 Break

4.10-4:40 Open Discussion

DAY 2 (Fri, 10/18)

9:00 - 10:30 (10-min talks + 5 min questions/discussion)

AGN Demographics and Evolution M. Urry (Chair)

Triggering of SMBH Accretion at low and high z

Investigating Galaxy Morphologies using GaMorNet

Modeling the AGN-Galaxy Connection: SAMs and Sims

Merger-triggered accretion in IllustrisTNG

15 Mins Discussions Led by Meg Urry

Ezequiel Treister

Aritra Gosh

Angelo Ricarte

July Thomas

10:30-11:00 Break

11:00 - 12:30 (10-min talks + 5 min questions/discussion)

IR-bright AGN

D. Sanders (Chair)

Measuring the AGN Contribution in IR Galaxies

Measuring Properties of Cold Quasar

Heavily buried AGN: Torus or host galaxy?

AHA: Understanding the Far-IR Properties of AGN Observed in the X-Ray Waveband

(15 minutes discussion at the end of the session)

Kartaltepe Jeyhan

Michael Estrada

Ryan Hickox

Brandon Coleman

Led by R. Hickox

12:30-2:00 Lunch

2:00-3:30 (10-min talks + 5 min questions/discussion)

AGN and Blazar variability

J. Turner (chair)

Blazars across cosmic time

Blazar variability by Weihai Observatory

Long term optical variability of Blazars

Variability Selected AGN in HST Fields

(15 minutes discussion at the end of the session)

Marco Ajello

Shao Ming Hu

James Webb

Vicki Sarajedini

Led by M. Ajello

3:45-4.15 Break

4.15-4.45 Discussion

Led by Jane T.

7.30pm Dinner @Glass and Vine in Coconut Grove (walking distance for Marriott)

DAY 3 (Sat, 10/19)

9:00-10:00 (10-min talks + 5 min questions/discussion)

High-Redshift Universe

F. Civano (Chair)

CXB point sources below 1 keV

The early growth of the first supermassive black holes

Shedding light on the farthest quasars

Sicong Huang

Giulia Cerini

Fabio Pacucci

Forthcoming missions

Update on the Athena mission

CUBESAT Survey

(15 minutes discussion at the end of the session)

Andrea Comastri

Max Galeazzi

Led by R. Gilli

10:30-11 Break

11:00 - 12:00 (10-min talks + 5 min questions/discussion)

Big Data and ML

E. Treister (Chair)

BLACKBASE: all the Quasars we know

The BLACKBASE infrastructure

BLACKBASE interface

SDSS-RM and the Industrial-Scale Future of Reverberation Mapping

New Problems in Quasar Single-Epoch Masses

Nico Cappelluti

Jerry Bonnel

Jack McKewon

Yasaman Homayouni

Gloria Fonseca-Alvarez

Final discussion and remarks

Meg, Nico, Dave, Jane