

DRAFT PROGRAM

Sunday evening – reception

Mon BLR/BALs

0900-0930: chris done: setting the scene for the conf

0930-1000 bozena czerny BLR from dust driven wind

1000-1030 James Matthews BLR from disc winds

1030-1100 coffee

11:00-11:30 Amy Rankine CIV in BALs versus non-BALs

11:30-12:00 Matthew Temple BLR trends with L/LEdd

12:00-12:30 Ari laor Evidence for Radiation Pressure Driving in BAL outflows

12:30-13:30 lunch

13:30-14:00 Niel Brandt WLQ variability in CIV emission

14:00-14:30 Gordon Richards CIV in BALs

14:30-15:00 sergei Dyda line locking in BALs

15:00-15:30 coffee

15:30-16:00 Karen Leighly SimBAL

16:00-16:30 Hyunseop Choi SimBAL on FeLoBALS

16:30-17:00 Leah moribito BALs in Lofar

17:00-17:30 Christian knigge: lead the wrapup discussion for the day

Big question is what are the BALs – the fact we see them in the UV makes us think of UV line driven disc winds, but that would make them be launched from closer in than they are seen by karen. Are they instead a result of the UV line driven disc wind slamming into a thermal/dust driven wind from the torus?

Tues UV line driven disc winds and UFOs

09:00-09:30 Christian Knigge UV line driven wind radiation hydro

09:30-10:00 Mariko Nomura Radiation hydrodynamics of line-driven AGN disc wind

10:00-10:30 Misaki Mizumoto UV line driven wind simulation and UFOs

1030-1100 coffee

11:00-11:30 Arnau Quera-borfarull UV line-driven winds depend on black hole properties

11:30-12:00 Nicolas Moens UV line driven disc winds (3D clumpy models from WR stars!)

12:00-12:30 James Reeves 20 years of the ultra fast outflow in PDS 456

12:30-13:30 lunch

13:30-14:00 Gabriele Matzeu Fitting emission and absorption from disc winds to data

14:00-14:30 keigo fukumura Simulating Broadband X-ray Ultra-Fast Outflows in AGNs

14:30-15:00 Valentina Braitto Remarkable changes in the outflowing velocity of a UFO

15:00-15:30 coffee

15:30-1600 Elena Berlola wind duty cycle of the Einstein Cross

16:00-16:30 Micheal parker Variability of Ultra-Fast Outflows

16:30-17:00 Andy Fabian Are UFOs really winds or are they from disc reflection?

17:00-17:30 wrapup discussion lead by Daniel Proga

question is can UFOs be UV line driven disc winds?

Weds Supereddington winds and ULX: thermal winds and binaries

09:00-09:30 Ken Ohsuga Numerical simulations of disk wind around black holes

09:30-10:00 Chichuin Jin: Supereddington AGN

10:00-10:30 Matt Middleton Bright and breezy: ULXs and their Eddington-powered winds

10:30-11:00 coffee

11:00-11:30 Nick Higginbottom Towards Self-Consistent Radiation Hydrodynamics

11:30-12:00 Susmita Chakravorty Title: Athena/XRISM spectra for dense MHD winds

12:00-12:30 Ryota Tomaru: telling the difference between thermal and magnetic winds

12:30-13:30 lunch

13:30-14:00 Pierre Oliver Petrucci/Gregorie Marcel Expected evolution of the thermal wind

14:00-14:15 Yanan Wang A Variable Ionized Disk Wind

14:15-14:30 Teo Munoz-Darias optical winds in the hard state

14:30-15:00 Daniel Proga Stability of thermal winds

15:00-15:30 coffee

15:30-16:00 Anjali Gupta Detection of a Multi-Phase UFO in the NLS1 Mkn1044

16:00-16:30 George Chartas Title: Multiphase Powerful Outflows in High-z Quasars

16:30-17:00 Paola Rodriguez-Hidalgo Extremely High-Velocity Outflows in the UV

17:00-17:30 wrapup discussion – led by Chris Done

What is the variable cold absorption in hard state binaries?

Is the ionised wind in soft state binaries a thermal(+radiative) wind?

Are supereddington winds enough to explain ULX?

Are the UFOs clumpy ? or are there multiple wind components?

Weds evening – garden party at martin ward's house

Thurs: variable cold absorbers, warm absorbers, thermal winds from the torus

09:00-09:30 Francesco Tombesi From warm absorbers to ultra-fast outflows.

09:30-10:00 Sebastian Hoenig AGN-driven winds in the torus region

10:00-10:30 sam grafton-waters: origin of NLR

10:30-11:00 coffee

11:00-11:30 Elisa Costantini Warm absorbers in the NLS1 1Zw1

11:30-12:00 Demos Kazanas MHD winds, Warm Absorbers and the AGN SED properties

12:00-12:30 Vicky Fawcett red quasars

12:30-13:30 lunch

13:30-14:00 Maryam Dehghanian Tracing disk winds using HST data

14:00-14:15 Ethan Partington STORM2 – more variable absorption

14:15-14:45 Steve Kramer absorption in NGC4151

14:45-15:15 discussion – led by james reeves

Do UFOs link to warm absorbers or are they two separate winds?

what is the variable cold absorption in AGN at low L/L_{Edd} ? Is it the UV line driven wind gone clumpy?

Close meeting