

Session Program

13-18 Dec 2015



28th Texas Symposium on Relativistic Astrophysics

14 - Disks and jets

International Conference Centre Geneva
17 Rue de Varembé, 1211 Geneva

Wednesday 16 December

14:00

14 - Disks and jets

Session |

Location: International Conference Centre Geneva, Level 0, Room 23, 17 Rue de Varembe, 1211 Geneva |

Convener: Thierry Courvoisier

14:00-14:22

Highlights on massive winds from AGN

Speaker

Massimo Cappi

14:22-14:42

High Energy flares of FSRQs

Speaker

Luigi Pacciani

14:42-15:02

Relativistic Speeds and Transverse Velocity Structure on 50 kpc Scales in NGC6251

Speaker

Robert Laing

15:02-15:22

The accretion-ejection connection in the Galactic black hole candidate X-ray binary MAXI J1836-194

Speaker

Dr Thomas Russell

15:22-15:42

GRS 1915+105 and its spectral variability from the keV to the MeV band

Speaker

Dr Marek Nikolajuk

15:42-15:45

Coeval observations of a complete sample of flat-spectrum blazars with Effelsberg, IRAM 30m, and Planck

Speaker

Jörg Paul Rachen

15:45

16:15

14 - Disks and jets

Session |

Location: International Conference Centre Geneva, Level 0, Room 23, 17 Rue de Varembe, 1211 Geneva |

Convener: Thierry Courvoisier

16:15-16:36

Black Hole Jets from MRI-Generated Magnetic Fields

Speaker

Dr Kyle Parfrey

16:36-16:56

New connection between plasma conditions near black hole event horizons and outflow properties

Speaker

Karri Koljonen

16:56-17:17 **Jets and winds from super-critical accreting black holes**

Speaker

Dr Roberto Soria

17:17-17:38 **Real-Time Evolution Of Relativistic Jets In Microquasars**

Speaker

Dr Pedro Luis Luque-Escamilla

17:38-17:59 **Rapid variations of polarisation in X-ray binaries**

Speaker

Dave Russell

17:59-18:19 **Stability of relativistic two-component jets**

Speaker

Mr Dimitrios Millas

18:19-18:22 **The Blandford-Znajek theory revisited**

Speaker

Dr Luigi Foschini

18:22-18:25

Evolution of luminosity-linear size relation for sources with steep radio spectrum

Speaker

Dr Alla Miroshnichenko

18:25-18:45 **gap**

18:45

Thursday 17 December

14:00

14 - Disks and jets

Session |

Location: International Conference Centre Geneva, Level 0, Room 23, 17 Rue de Varembe, 1211 Geneva |

Convener: Thierry Courvoisier

14:00-14:20

Narrow-line Seyfert 1 galaxies - rebels of the AGN family

Speaker

Emilia Jarvela

14:20-14:40

Unveiling the parent population of beamed narrow-line Seyfert 1s

Speaker

Marco Berton

14:40-15:00

Broad-band properties of flat-spectrum radio-loud narrow-line Seyfert 1 galaxies

Speaker

Dr Luigi Foschini

15:00-15:03

Quasi-periodic oscillations from relativistic hydrodynamical slender tori

Speakers

Antonis Manousakis, Bhupendra Mishra, Frederic Vincent

15:03-15:06

Quasi-Periodic Oscillations are more than just frequencies

Speaker

Frederic Vincent

15:06-15:09

QPOs and Lense-Thirring precession

Speaker

Rebecca Nealon

15:09-15:45

gap

15:45

16:15

14 - Disks and jets

Session |

Location: International Conference Centre Geneva, Level 0, Room 23, 17 Rue de Varembe, 1211 Geneva |

Convener: Thierry Courvoisier

16:15-16:36

Resistive GRMHD simulations of accretion disks around Kerr black holes: connecting large and small scales

Speaker

Matteo Bugli

16:36-16:57

Three dimensional global General Relativistic Radiative Magnetohydrodynamical simulations to test stability of thin disk around black hole

Speaker

Bhupendra Mishra

16:57-17:18 **Accretion disk around a super-Eddington accreting neutron star****Speaker**

Anna Chashkina

17:18-17:38 **Structure of magnetized transonic accretion disks****Speaker**

Pavel Abolmasov

17:38-17:59 **Thick tori and flows around rotating boson stars****Speaker**

Zakaria Meliani

17:59-18:19

Transient dynamics of vortices in relativistic regions of accretion disks around black holes.**Speaker**

Viacheslav Zhuravlev

18:19-18:39 **Astrophysical Boundary Layers: A New Picture****Speaker**

Mikhail Belyaev

18:39-18:42

A curved jet model for the synchrotron emission of the BL Lac object PG 1553+113.**Speaker**

Dr Antonio Stamerra

18:42-18:45

Spectral Analysis of ULXs in Pairs of Interacting Galaxies M51 and NGC 4485/90 Using Swift-XRT**Speaker**

Ms Lis Sulistiyowati

18:45