

Poster Contributions

Growing Black Holes: Accretion & Mergers

In memory of Sergio Colafrancesco

Kathmandu, April 19-24, 2020

- Tek Prasad Adhikari:** What shapes the absorption measure distribution in AGN outflows?
- Viola Allevato:** The interplay between AGN and the large-scale structure of the Universe
- Arthur Avakyan:** The effect of thermal winds on the outbursts evolution of low-mass X-ray binaries
- Arash Bahramian:** Hunting black holes in galactic star clusters
- Ankush Banerjee:** MAGICal GRB 190114C: Cutoff in the spectrum at sub-GeV energies
- Akos Bogdan:** Establishing a correlation between the total mass of galaxy clusters and the black hole mass of brightest cluster galaxies
- Floor Broekgaarden:** The role of BH-NS mergers in gravitational-wave sources, short-GRBs, r-process enrichment and TDEs
- Vikas Chand:** Shock-breakout and central engine activities in H.E.S.S. detected GRB 190829A
- Ariel Chitan:** The influence of relativistic effects on the evolution of triple black hole systems
- Thomas Davison:** Measuring ex-situ populations in galaxies
- Valerio D'Elia:** GRB 171205A/SN 2017iuk: A local low-luminosity gamma-ray burst
- Lankeswar Dey:** InPTA: Indian contribution to detecting nanohertz gravitational waves
- Federica Duras:** An X-ray-to-ALMA view of the AGN-galaxy connection
- Sergei Dyda:** Viscous Effects of Misaligned Accretion Discs
- Marta Dzielak:** Comparison of spectral models for disc truncation in the hard state of GX 339–4
- Savithri H. Ezhikode:** Relativistic reflection fraction in Seyferts
- Shokoufe Faraji:** (1) Structure of the thin accretion disk around a distorted naked singularity versus a distorted static black hole
(2) Polish donought around a distorted static black hole in the presence of magnetic field
- Isaura Fuentes-Carrera:** Multiwavelength and kinematical analysis of the surroundings of ultra-luminous X-ray sources in nearby spiral galaxies
- Fatemeh Zahra Zeraat Gari:** Inflow-outflow structure of supercritical accretion flows
- Efrain Gattuzz:** Black hole X-ray binaries: the disc-jet-wind interaction
- Andreja Gomboc:** TDEs in the LSST era
- Rosa A. Gonzalez-Lopezlira:** The globular cluster system of NGC 4258: a relic of cosmic high noon?
- Kirill Grishin:** Internal properties and environment of galaxies hosting AGN powered by low-mass black holes

Sudipta Hensh: Evolution of rotating braneworld naked singularities

Naseer Iqbal: UV and X-Ray Emission from X-ray Binaries

Michael Kavic: Accessing the axion via compact object binaries

Nobuyuki Kawai: Classification of 27-year X-ray activities of GRS 1915+105

Orsolya Kovacs: Searching for AGN in ultra-diffuse galaxies

Rajesh Kumar Dubey: Gravitational waves for measuring Hubble's Constant in the accelerating universe

Mariana Lazarova: Low-z LoBAL QSOs are dominated by mergers

Xiangdong Li: Population synthesis of BH binaries

Tushar Mondal: Magnetized disc-outflow symbiosis to unify blazar classification: FSRQ/BL Lac dichotomy

Amin Mosallanezhad: Radiation-driven outflows in AGNs

Alberto Pellizzoni: The Study of Radio Transients through Single-Dish Observations with INAF Radio-Telescopes

Silvia Piranomonte: The Italian follow-up observations of GW triggers in the Multi-Messenger Era

Yanli Qiu: A short-orbit Wolf-Rayet X-ray binary in Circinus as a precursor of BH-BH merger

Kailash Sahu: Where are the 100 million black holes in the galaxy and how can we discover them?

Nandini Sahu: New (Morphological Type)-dependent Black Hole Scaling Relations and the Pursuit of Long-wavelength Gravitational Waves

Zachary Schutte: The Black Hole - Bulge Mass Relation Including Dwarf Galaxies Hosting Active Galactic Nuclei

Chandra Bahadur Singh: Black Hole Accretion and Gap Paradigm

Neha Singh: Constraining parameters of coalescing binary systems with Einstein Telescope alone

Justine Tarrant: The Fate of LIGO Accretion Disks

Christina Thoene: VHE emission from GRBs, only from peculiar host environments?

Victoria Toptun: Expanding a bona fide sample of intermediate-mass black holes in active galactic nuclei: X-ray confirmation of four candidates with XMM-Newton

Satoshi Yamada: Structures of AGN Tori in Ultra-/luminous Infrared Galaxies Revealed with Mid-infrared and X-ray Spectroscopy

Janusz Ziolkowski: News from Cyg X-1

Local Poster Contributions

Hemraj Bhattarai: Three Far-Infrared dust structures within the Small Magellanic Cloud by using Infrared Astronomical Satellite Maps

Kushal Khatiwada: A study of the physical properties of a dust structure around the NGC1514 nebula based on Infrared Astronomical Satellite Maps

Roshan Kumar Mishra: Variation of Solar Wind Parameters and Total Electron Content at Low and Middle Latitudes over the Indian, Australian, Brazilian and South African Sectors during the Intense Geomagnetic Storms of the Year 2015

Dharma Raj Panthi: Spatial orientation of spin vectors of SDSS galaxy

Madhu Paudel: Study of the dust temperatures and mass profiles of two nearby nebulae observed with the Infrared Astronomical Satellite

Raj Kumar Pradhan: The age and kinematic distributions of the Milky Way stellar halo

Utsav Siwakoti: A comparative study of the physical properties around the NGC7293 nebula in IRIS & AKARI maps

last updates: **Feb. 29**