

KIAA/DoA Postdoc Science Days 2018 Schedule

Tuesday December 18th 2018 — KIAA Auditorium:

10:00 - 10:10	Gregory Herczeg	Introduction
<i>Galaxy Evolution (Chair: Jingjing Shi)</i>		
10:10 - 10:30	Toky Randriamampandry	Bar pattern speed: fast vs slow bars
10:30 - 10:50	Youkyung Ko (고유경)	Metallicity gradients in globular clusters systems of M87 and M49
10:50 - 11:10	Sonali Sachdeva	Comprehensive understanding of galaxies using Stripe82
11:10 - 11:30	Li Shao (邵立)	SkyMapper data processing and mapping of nearby galaxies
11:30 - 11:50	Ravi Joshi	Gas in galaxies: Feeding and Feedback

Lunch

Star Formation (Chair: John Graham)

1:50 - 2:10	Yanxia Xie (谢艳霞)	The Star Formation Efficiency of Quasar Host Galaxies at Low-Redshifts
2:10 - 2:30	Siwei Zou (邹思蔚)	Neutral carbon -- a new tracer of star formation over cosmic time?
2:30 - 2:50	Hassen M. Yesuf	Interpreting UV Spectra of Galactic Winds Using Radiative Transfer of Hydrodynamic Galaxy Simulations
2:50 - 3:10	Pei Zuo (左沛)	Atomic Hydrogen in Molecular Clouds and Major-merger Galaxies

Tea & Coffee Break

Gamma Ray Bursts and Compact Objects (Chair: Sonali Sachdeva)

3:40 - 4:00	Nicolas Caballero	Pulsar Timing: From gravitational waves to solar-system dynamics and timekeeping
4:00 - 4:20	Yuanpei Yang (杨元培)	Synchrotron Radiation from Electrons with a Pitch-angle Distribution
4:20 - 4:40	Ye Li (李晔)	A Global Test of Structured Jet of NS-NS mergers
4:40 - 5:00	John Graham	The Metallicity Distribution of LGRBs and Other Transients

Wednesday December 19th 2018 — KIAA Auditorium:

AGN Observation (Chair: Jingjing Shi)

9:30 - 9:50	Su Yao (姚苏)	J1447+2833: Multi-wavelength study of a changing-look AGN discovered by LAMOST
9:50 - 10:10	Dohyeong Kim (김도형)	Unveiling intrinsic properties of dusty red AGNs
10:10 - 10:30	Xiaolong Yang (杨小龙)	The radio activity in a sample of supermassive black holes with the extremely high accretion rates

Tea & Coffee Break

Gravity and Cosmology (Chair: Shu Wang)

11:00 - 11:20	Chandrachur Chakraborty	Does the gravitomagnetic monopole exist? A clue from a black hole x-ray binary
11:20 - 11:40	Kai Wang (王凯)	Hadronuclear interpretation of neutrino emission from TXS0506+056
11:40 - 12:00	David Fernandez-Arenas	The Hubble constant using the L- σ relation for local HII Galaxies.

Lunch

Milky Way (Chair: John Graham)

2:00 - 2:20	Chun Wang (王春)	The Galactic phase space spirals at different Galactic positions revealed by Gaia and LAMOST data
2:20 - 2:40	Anupam Bhardwaj	Constraining stellar pulsation models with time-series analyses of Cepheid and RR Lyrae variables
2:40 - 3:00	Shu Wang (王舒)	The Optical to Mid-Infrared Extinction Law and High Precision Distance
3:00 - 3:20	Tapas Baug	Influence of Wolf-Rayet Star on Galactic star formation

Tea & Coffee Break

Illustris TNG (Chair: Sonali Sachdeva)

4:00 - 4:20	Jingjing Shi (史晶晶)	Hydrogen reservoir in massive galaxies with IllustrisTNG simulations
4:20 - 4:40	Dongyao Zhao (赵冬瑶)	Bar galaxies in IllustrisTNG
4:40 - 5:00	Min Du (杜敏)	Kinematic Decomposition of Galaxies in The Cosmological Simulation IllustrisTNG100
5:00	Luis Ho	Closing remarks