

Transient Phenomena and Physical Processes Around Supermassive Black Holes

Tuesday, 15 October 2024

Session (09:00 - 10:30)

time	[id] title	presenter
09:00	[62] Dynamical processes in galactic nuclei	SARI, Re'em
09:30	[52] Infrared Observations of the Galactic Center Black Hole	EISENHAUER, Frank
10:00	[30] The Einstein Probe mission: status and preliminary detection results	YUAN, Weimin

Session (11:00 - 11:55)

time	[id] title	presenter
11:00	[28] Early Discovery of TDE Candidates by the Einstein Probe Mission	Dr JIN, Chichuan
11:25	[8] Sgr A Lobes as a Tidal Disruption Event from the Galactic Center	GUO, Fulai
11:40	[43] The near-pericenter self-intersection of the debris stream in TDEs by a misaligned Kerr black hole	SHEN, Rong-Feng

Session (14:00 - 15:20)

time	[id] title	presenter
14:00	[47] Quasi-periodic X-ray eruptions years after a nearby tidal disruption event	NICHOLL, Matt
14:25	[29] Optical and Infrared Hunt for Tidal Disruption Events	JIANG, Ning
14:50	[23] Unveiling the Cosmic Dance of Repeated Tidal Disruption Event ASASSN-14ko: Insights from Multiwavelength Observations	黄, 石锋
15:05	[25] AT 2022dbl: A spectroscopically confirmed repeated partial TDE	LIN, Zheyu

Session (15:50 - 17:30)

time	[id] title	presenter
15:55	[5] The Double Tidal Disruption Event	ARCAVI, Iair
16:20	[26] EMRI+TDE=QPE: Star-Disc Interaction and Quasi-Periodic Eruptions	LINIAL, Itai
16:45	[2] EM counterparts to extreme mass ratio inspirals: quasi-periodic eruptions	PAN, Zhen
17:10	[7] Probing orbits of stellar mass objects deep in galactic nuclei with quasi-periodic eruption	ZHOU, Cong

Wednesday, 16 October 2024

Session (09:00 - 09:55)

time	[id] title	presenter
09:00	[51] New Surprises from Radio Observations of TDE Outflows	ALEXANDER, Kate
09:30	[20] Late-time radio emission of tidal disruption events	MATSUMOTO, Tatsuya

Session (10:30 - 11:55)

time	[id] title	presenter
10:30	[35] An accretion disk with magnetic outflows triggered by a TDE in CLAGN 1ES 1927+654	Prof. CAO, Xinwu
10:55	[49] Tidal Disruption Events in AGN	WANG, Yihan
11:20	[45] Detecting and characterizing the X-ray quasi-periodicity from candidate IMBH TDEs	SHU, Xinwen
11:35	[37] Modeling the light curve of rebrightening tidal disruption event	ZHONG, Shiyan

Session (14:00 - 15:20)

time	[id] title	presenter
14:00	[57] TDE theory	PIRAN, Tsvi
14:30	[50] The TDE/EMEI/stellar distribution by considering the interaction of stellar objects with AGN disk	WU, Qingwen
14:55	[14] Nuclear Transients from Star-Disk Interactions Near Black Holes	HUANG, Xiaoshan

Session (15:50 - 17:20)

time	[id] title	presenter
15:50	[48] Triple Flares of AT 2021aeuk within Five Years from the Active Galaxy SDSS J161259.83+421940.3	Dr BAO, Dong-Wei
16:05	[18] Binary Stars Approaching Supermassive Black Holes: Tidal Break-up, Double Stellar Disruptions and Stellar Collision	YU, Fangyuan
16:20	[24] An X-ray view of the ambiguous nuclear transient AT2019pev	YU, Zhefu
16:35	[39] Origin of TDE and evolution of QPEs in GSN 069	WANG, Di
16:50	[46] Systematic search and monitoring of X-ray flares from galactic nuclei by Einstein Probe	LI, Dongyue
17:05	[4] Changing-look AGN in the Dark Energy Spectroscopic Instrument	郭, 威坚

Thursday, 17 October 2024

Session (09:00 - 10:30)

time	[id] title	presenter
09:00	[22] Particle Acceleration and Multi Messengers from Accreting Black Holes	Dr WANG, Jieshuang
09:25	[31] Dynamical Formation of BH Binaries in AGN Accretion Disks	LI, Jiaru
09:50	[38] Probing Astrophysical Environments of Massive Black Holes with Extreme Mass-Ratio Inspirals	YANG, Huan
10:15	[9] New physics out of the shadow	Prof. VISINELLI, Luca

Session (11:00 - 12:05)

time	[id] title	presenter
11:00	[59] Enhanced TDE in post star-burst galaxies	LIN, Doug
11:25	[12] Electromagnetic Flares Associated with Compact Object Mergers in Disks of Active Galactic Nuclei	Dr TAGAWA, Hiromichi
11:50	[32] Stellar Black Holes Can “Stretch” Supermassive Black Hole Accretion Disks	ZHOU, Shuying

Session (14:00 - 15:40)

time	[id] title	presenter
14:00	[53] Accretion onto Supermassive Binary Black Holes	LAI, Dong
14:25	[60] Supermassive binary black holes and the astrophysical origin of the nHz gravitational-wave background	YU, Qingjuan
14:50	[13] Extreme Resonant Eccentricity Excitation of Stars around Merging Black-Hole Binary	Dr LIU, Bin
15:15	[36] Probing AGN Inner Structures Near and Far: Insights from Infrared Interferometry	SHANGGUAN, Jinyi

Session (16:10 - 17:50)

time	[id] title	presenter
16:10	[61] gravitational lensing of supermassive binary black holes and their gravitational wave radiation	LU, Youjun
16:35	[56] TDEs and other variable phenomena in galactic nuclei	Prof. HU, Shaoming
16:50	[17] Existence of effectively optically thin accretion flow around black holes	LIU, Mingjun
17:05	[44] X-ray reflection from slim accretion disks	SHASHANK, Swarnim
17:20	[33] Electromagnetic Signatures from Irradiated Circumbinary Disks in Binary Black Hole Systems	Prof. HAYASAKI, Kimitake

Friday, 18 October 2024

Session (08:40 - 09:55)

time	[id] title	presenter
08:40	[55] Multi-Scale Wind-Fed Accretion Onto Sagittarius A*	RESSLER, Sean
09:05	[40] Physical processes around a black hole driven by magnetic reconnection	袁, 峰
09:30	[41] Flares in Sgr A* from GRMHD simulations	Prof. MIZUNO, Yosuke

Session (10:20 - 12:10)

time	[id] title	presenter
10:20	[27] Understanding AGN UV/Optical Variability through Quasi-periodic Large-scale Magnetic Dynamos	ZHOU, Hongzhe
10:45	[58] Satellite black holes around supermassive black hole of active galactic nuclei	WANG, Jian-Min
11:10	[16] Plasmoid merger and shock wave during the magnetic reconnection on the accretion disk of the Sgr A*	ZHAO, TianLe
11:25	[10] 3D GRMHD Simulations of Tilted Disks: Magnetically Driven Retrograde Precession	Mr JIANG, Hongxuan
11:40	[42] Modeling the inner part of the jet in M87: Confronting jet morphology with theory	YANG, Hai
11:55	[34] Unveiling accretion flows around our galaxy's supermassive black hole	DIHINGIA, Indu Kalpa