

第三届黑洞天体物理前沿问题 年度研讨会 (2008)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Relationship between jet production and disk accretion

Primary author: Prof. WANG, Ding-Xiong (Huazhong University of Science & Technology)

Presenter: Prof. WANG, Ding-Xiong (Huazhong University of Science & Technology)

Contribution ID: 1

Type: **not specified**

Tidal Disruption of Stellar Objects by Hard Supermassive Black Hole Binaries

Primary author: Prof. LIU, Fukun (Peking University)

Co-authors: Dr MAGORRIAN, John (Oxford University, UK); Mr CHEN, Xian (Peking University)

Presenter: Prof. LIU, Fukun (Peking University)

Contribution ID: 2

Type: **not specified**

The X-ray Origin in Quiescent Black Hole X-ray Binaries

Primary author: Dr ZHANG, Hui (SHAO)

Presenter: Dr ZHANG, Hui (SHAO)

Contribution ID: 3

Type: **not specified**

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Contribution ID: 4

Type: **not specified**

Constraints on the Mass Accretion Rate of Neutrino-cooled Disks in Gamma-Ray Bursts

Primary author: Mr LIU, Tong (XiaMen Univ.)

Presenter: Mr LIU, Tong (XiaMen Univ.)

Contribution ID: 5

Type: **not specified**

An accretion disc model for quasar optical variability

Primary author: Mr LI, Shuang-Liang (Shanghai Astronomical Observatory)

Co-author: Prof. CAO, Xin-Wu (Shanghai Astronomical Observatory)

Presenter: Mr LI, Shuang-Liang (Shanghai Astronomical Observatory)

Contribution ID: 6

Type: **not specified**

Swift/BAT observations for X-Ray Flashes

Primary author: LIN, yiqing (xiamen university of technology)

Presenter: LIN, yiqing (xiamen university of technology)

Contribution ID: 7

Type: **not specified**

The Compact Structure of Radio-Loud Broad Absorption Lines Quasars

Primary author: Dr LIU, Yi (SHAO, CHINA)

Co-authors: Prof. JIANG, Dong Rong (SHAO, China); Mr XIE, Fu Guo (SHAO, China); Prof. WANG, Ting Gui (Center for Astrophysics, University of Science and Technology of China, Hefei, China)

Presenter: Dr LIU, Yi (SHAO, CHINA)

Contribution ID: 8

Type: **not specified**

致密星体 X 射线准周期振荡和毫秒脉冲星自旋研究最近进展

Primary author: Prof. ZHANG, Chengmin (NAOC)

Co-authors: Dr ZHANG, Fan (IHEP); Dr YIN, Hongxing (ShangDong University); Prof. SONG, Liming (IHEP); Mr YAN, Yan (NAOC)

Presenter: Prof. ZHANG, Chengmin (NAOC)

Contribution ID: 9

Type: **not specified**

A toy model for HFQPOs in XRBs

Primary author: Dr YE, Yong Chun (华中科技大学)

Co-author: Prof. WANG, Ding Xiong (华中科技大学)

Presenter: Dr YE, Yong Chun (华中科技大学)

Contribution ID: 10

Type: **not specified**

A Toy Model for 3:2 HFQPO Pairs in Black Hole Binaries XTE J1550-564 and GRO J1655-40

Primary authors: Prof. WANG, Ding-Xiong (Huazhong Univ. of Sci. and Tech.); Mr GAN, Zhao-Ming (Huazhong Univ. of Sci. and Tech.)

Co-authors: Mr HUANG, Chang-Yin (Huazhong Univ. of Sci. and Tech.); Ms LI, Yang (Huazhong Univ. of Sci. and Tech.)

Presenter: Mr GAN, Zhao-Ming (Huazhong Univ. of Sci. and Tech.)

Contribution ID: 11

Type: **not specified**

A simplified model of jet powers from active galactic nuclei

Primary authors: Prof. WANG, Dingxiong (Physics Department of Huzhong University of Science and Technology); Mr GAN, Zhaoming (Physics Department of Huzhong University of Science and Technology); LI, yang (Physics Department of Huzhong University of Science and Technology)

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Contribution ID: 13

Type: **not specified**

p-free 模型和 MCD+PL 模型在 ULXs 中的比较

Primary author: Mr WENG, ShanShan (厦门大学)

Presenter: Mr WENG, ShanShan (厦门大学)

Contribution ID: 14

Type: **not specified**

Study the X-ray Dust Scattering Halo of Cyg X-1 with a Cross-correlation Method

Primary author: Mr LING, Zhixing (THCA)

Presenter: Mr LING, Zhixing (THCA)

Contribution ID: 15

Type: **not specified**

Hard-to-Soft State Transitions in Bright Neutron Star and Black Hole X-Ray Binaries

Primary author: Mr YAN, Zhen (SHAO)

Co-author: Prof. YU, Wenfei (SHAO)

Presenter: Mr YAN, Zhen (SHAO)

Contribution ID: 16

Type: **not specified**

Broad-band spectral energy distribution of Microquasars

Primary author: Prof. WU, Xue-Bing (Peking University)

Co-authors: Prof. CUI, Wei (Purdue University); Dr XUE, Yongquan (Purdue University)

Presenter: Prof. WU, Xue-Bing (Peking University)

Contribution ID: 17

Type: **not specified**

A simplified global solution for an advection-dominated accretion flow

Primary author: Dr MA, RenYi (SHAO 上海天文台)

Presenter: Dr MA, RenYi (SHAO 上海天文台)

Contribution ID: **18**

Type: **not specified**

simulating of ADAF

Primary author: Mr BU, defu (SHAO)

Presenter: Mr BU, defu (SHAO)

Contribution ID: 19

Type: **not specified**

An H-beta line evolution from NLS1 to normal BLS1

Primary authors: Ms ZHU, Ling (Center of astrophysics, Tsinghua university); Prof. ZHANG, Shuangnan (Center of astrophysics, Tsinghua university)

Presenter: Ms ZHU, Ling (Center of astrophysics, Tsinghua university)

Contribution ID: 20

Type: **not specified**

The rapid X-ray Variability in Scorpius X-1

Primary author: Ms CAO, Xiaofeng (Shanghai Astronomical Observatory Chinese Academy of Sciences / Huazhong Normal University)

Co-author: Mr YU, Wenfei (Shanghai Astronomical Observatory Chinese)

Presenter: Ms CAO, Xiaofeng (Shanghai Astronomical Observatory Chinese Academy of Sciences / Huazhong Normal University)

Contribution ID: 21

Type: **not specified**

Further studies on the spin frequencies and kHz QPOs of Millisecond Pulsars in LMXBs

Primary authors: Mr 闫, 岩 (乌鲁木齐天文站); Prof. 张, 承民 (国家天文台)

Co-author: Dr 尹, 红星 (山东大学威海分校)

Presenter: Mr 闫, 岩 (乌鲁木齐天文站)

Contribution ID: 22

Type: **not specified**

A Modified Synchrtron Model for Knots in the M87 Jet

Primary author: Dr LIU, Wen-Po (1.Shanghai Astronomical Observatory; 2.Graduate School of the Chinese Academy of Sciences)

Co-author: Prof. SHEN, Zhi-Qiang (Shanghai Astronomical Observatory)

Presenter: Prof. SHEN, Zhi-Qiang (Shanghai Astronomical Observatory)

Contribution ID: 23

Type: **not specified**

The exact solution for a shell collapsing towards a pre-existing black hole

Primary authors: Prof. ZHANG, Shuang Nan (Center for Astrophysics, Tsinghua University); Mr LIU, Yuan (Center for Astrophysics, Tsinghua University)

Presenter: Mr LIU, Yuan (Center for Astrophysics, Tsinghua University)

Contribution ID: 24

Type: **not specified**

Simulations on millimeter and sub-millimeter emission from Sagittarius A*

Summary

Our best-fit model can reproduce the spectrum and polarization of Sgr A* in millimeter and shorter wavelengths and further predicts distinct LP and CP at ~ 1 THz. The model constraints the inclination angle of the MRI-driven torus as $40^\circ \pm 10^\circ$, and the position angle $120^\circ \pm 30^\circ$.

Primary author: Ms HUANG, Lei (PhD. Student)

Presenter: Ms HUANG, Lei (PhD. Student)

Contribution ID: 25

Type: **not specified**

The variability of Sagittarius A* at 3 millimeters

Primary author: Ms LI, Juan (Shanghai Astronomical Observatory)

Co-authors: Dr MIYAZAKI, Atsushi (National Astronomical Observatory of Japan); Prof. SAULT, Bob (University of Melbourne); Ms HUANG, Lei (Shanghai Astronomical Observatory); Prof. MIYOSHI, Makoto (National Astronomical Observatory of Japan); Prof. TSUBOI, Masato (Institute of Space and Astronautical Science, Japan); Prof. TSUTSUMI, Takahiro (National Astronomical Observatory of Japan); Prof. SHEN, Zhi-Qiang (Shanghai Astronomical Observatory)

Presenter: Ms LI, Juan (Shanghai Astronomical Observatory)

Contribution ID: 26

Type: **not specified**

Early Growth of Massive Black Holes in Quasars

Primary author: Ms YAN, Changshuo (IHEP)

Presenter: Ms YAN, Changshuo (IHEP)

Contribution ID: 27

Type: **not specified**

Inner cool disks in the low/hard state of accreting black holes

Primary author: Prof. LIU, Bifang (Yunnan Observatory, Chinese Academy of Sciences)

Presenter: Prof. LIU, Bifang (Yunnan Observatory, Chinese Academy of Sciences)

Contribution ID: 28

Type: **not specified**

Spins of the supermassive black hole in M87: new constraints from TeV observations

Primary author: Prof. WANG, Jian-Min (Key Laboratory for Particle Astrophysics, Institute of High Energy Physics,CAS)

Co-authors: Prof. WANG, Jian-Cheng (Yunnan Observatory, CAS); Dr ZHANG, Shu (Key Laboratory for Particle Astrophysics, Institute of High Energy Physics,CAS); Mr LI, Yan-Rong (Key Laboratory for Particle Astrophysics, Institute of High Energy Physics,CAS)

Presenter: Prof. WANG, Jian-Min (Key Laboratory for Particle Astrophysics, Institute of High Energy Physics,CAS)

Contribution ID: 29

Type: **not specified**

The coronae/disk correlation in a blue AGN sample

Primary author: LIU, jieying (YNAO)

Co-author: Ms BIFANG, liu (YNAO)

Presenter: LIU, jieying (YNAO)

Contribution ID: 30

Type: **not specified**

GRB-supernova connection and their high-energy emission

Primary author: Dr WANG, Xiang-Yu (Department of Astronomy, Nanjing University)

Presenter: Dr WANG, Xiang-Yu (Department of Astronomy, Nanjing University)

Contribution ID: 31

Type: **not specified**

Similar X-ray variabilities from the Sun and accretion disks

Primary author: Mr TANG, ShiChao (TsingHua Center for Astrophysics)

Presenter: Mr TANG, ShiChao (TsingHua Center for Astrophysics)

Contribution ID: 32

Type: **not specified**

HXMT User and Science Data Center

Primary author: Mr 周, 建锋 (清华大学天体物理中心)

Presenter: Mr 周, 建锋 (清华大学天体物理中心)

Contribution ID: 33

Type: **not specified**

FeII and Hbeta Emission-lines of SDSS Quasars: New Clues to BLR Geometry and Kinematics

Primary author: Dr HU, Chen (IHEP, CAS)

Presenter: Dr HU, Chen (IHEP, CAS)