

The First PANDA Symposium on Products of Astrophysical Outflows

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Book of Abstracts

Contents

Equilibrium or Non-equilibrium ionization? – NEI code and its applications	1
Studies on the Afterglow from the Receding Jet of Gamma-Ray Burst	1
Neutron Star magnetic fields in the binary systems	1
Timing irregularity of RRAT1819-1458	1
Molecular shells associated with supernova remnants	1
Jet Production and State Transitions in Black Hole X-ray Binaries	2
Infrared Photometric Study of Type II Quasars	2
Voids and Shocks of General Polytropic Magnetofluid under Self-Gravity	2
Magnetic massive stars as magnetar progenitors	2
Single Power-Law Decaying XRT lightcurves and Implications for the Unified Origin of the X-rays	2
Astrophysical Environment and HFQPO of 3:2:1 Ratio	3
CO lines in a water fountain star.	3
The Remarkable Radio Tail of Pulsar J1509-5850	3
Measuring Expansion Rates of Supernova Remnants with Chandra and XMM-Newton	3
Jet power extracted from ADAF and the applications to X-ray binaries and radio galaxy FRI/FR II dichotomy	4
Observations of the Prompt High-Energy Emission of Gamma-Ray Bursts with the Fermi Gamma-ray Space Telescope	4
Kompaneets equation for resonant cyclotron scattering and its application in pulsar magnetosphere	4
HXMT User and Science Data Center	4
What do the jets of the Cassiopeia A supernova remnant tell us about its progenitor star?	5
A Magnetic Flux Tube Oscillation Model for QPOs in SGR Giant Flares	5

IMPROVEMENT OF SOME PARAMETERS OF PLANETARY NEBULAE AND DETERMINATION OF THE TOTAL ENERGY FLUX RADIATED BY THEM IN THE REGION $\lambda > 912 \text{ \AA}$	5
Supernova 1987A at Age 22	5
Stochastic Electron Acceleration in Shell-Type Supernova Remnants	6
Discovery of superbubbles in nearby disk galaxies	6
Exciting Science with Cassiopeia A	6
Distance and Progenitor of Historical Galactic SNR Tycho	6
Molecular environment of semicircular composite SNR 3C396	7
Outflow possibilities derived from slim disk global solutions	7
The Seyfert AGN RX J0136.9-3510 and the Spectral State of Super Eddington Accretion Flows	7
Galactic Winds and Bubbles	7
Optical/infrared flares of GRBs	7
The Chandra View of DA 530: A Subenergetic Supernova Remnant with a Pulsar Wind Nebula?	8
Fitting the kinematics in the pc-scale jet of S5 1803+784 by the non-ballistic superluminal model	8
The hard X-ray emission from high energy sources	8
Molecular gas environment of SNR W49B	9
Tools to Dissect Supernova Remnants Observed with Chandra	9
Constraints on the radiation origin of GRB prompt emission by Fermi LAT observations	9
LARGE SCALE CAVITIES SURROUNDING MICROQUASARS INFERRED FROM EVOLUTION OF THEIR RELATIVISTIC JETS	9
Tidal disruption of stars by IMBHs and its applications	10
The structure and evolution of the two-component broad-line regions in AGNs	10
Correlation between WMAP and SDSS data: evidence for foreground contaminations of galaxies to WMAP cleaned map	10
Cosmological evolution of interacting phantom (quintessence) model in Loop Quantum Gravity	10
A Study of the X-ray Dust Scattering Halo	10
Timescale Resolved Spectroscopy	11
A comparison of the iron ka emission lines of narrow-line and broad-line	11

Optical Fe II and Hbeta Emission Lines in Quasars: Evidence for Inflow as an Intermediate-line Region	11
Dynamos and Common Envelopes in Planetary Nebula Progenitors	11
Time dependent accretion flow with star formation	11
The RXTE capture of type-I X-ray bursts and dips from IGR J17473-2721	12
Cross-correlation between 2XMMi and SDSS DR7	12
3-D Numerical Simulations of Colliding-Wind Binaries	12
Bubbles and Super-bubbles	12
Sources of energy for stellar winds (LBVs, WRs)	12
What makes a galaxy active?	13
Gamma-ray bursts: introducing relativistic explosions	13
Outflows of Accretion Disk	13
Recent Results Obtained with AKARI on Supernova Remnants	13
Super Bubble in the Vicinity of Starburst Galaxy NGC 3077	13
Observations of Pulsar Wind Nebulae	13
Supernova Remnants and Their Environments	14
AGN feedback and its cosmological effects	14
Measuring the prompt emission regions of gamma-ray bursts	14
Lecture: Good talks for everyone!	14
The Study of General Relativistic Proto-neutron Star Winds in Strong Magnetic Fields . .	14

0

Equilibrium or Non-equilibrium ionization? — NEI code and its applications

Author: Li Ji¹

¹ *MIT Kavli Institute for Astrophysics and Space Research*

Corresponding Author: ji@space.mit.edu

1

Studies on the Afterglow from the Receding Jet of Gamma-Ray Burst

Author: Yong-Feng HUANG¹

¹ *Department of Astronomy, Nanjing University*

Corresponding Author: hyf@nju.edu.cn

2

Neutron Star magnetic fields in the binary systems

Author: Chengmin Zhang¹

¹ *NAOC/Beijing*

Corresponding Author: zhangcm@bao.ac.cn

3

Timing irregularity of RRAT1819-1458

Author: Ali Esamdin¹

¹ *Urumqi Observatory, BAOs, CAS*

Corresponding Author: aliyi@uao.ac.cn

4

Molecular shells associated with supernova remnants

Author: Yang Chen¹

Co-authors: Bon-chul Koo ²; Ji Yang ³; Xin Zhou ¹; Yang Su ³

¹ *Department of Astronomy, Nanjing University*

² *Astronomy Program, Seoul National University*

³ *Purple Mountain Observatory*

Corresponding Author: ygchen@nju.edu.cn

5

Jet Production and State Transitions in Black Hole X-ray Binaries

Author: Ding-Xiong Wang¹

¹ *Huazhong University of Science & Technology*

6

Infrared Photometric Study of Type II Quasars

Author: Peisheng Chen¹

¹ *Yunnan Observatory*

Corresponding Author: iraspcc@yahoo.com.cn

7

Voids and Shocks of General Polytropic Magnetofluid under Self-Gravity

Author: Ren-Yu Hu¹

Co-author: Yu-Qing Lou¹

¹ *Tsinghua Center for Astrophysics, Tsinghua University*

Corresponding Author: hu-ry07@mails.tsinghua.edu.cn

8

Magnetic massive stars as magnetar progenitors

Author: Ren-Yu Hu¹

Co-author: Yu-Qing Lou¹

¹ *Tsinghua Center for Astrophysics, Tsinghua University*

Corresponding Author: hu-ry07@mails.tsinghua.edu.cn

10

Single Power-Law Decaying XRT lightcurves and Implications for the Unified Origin of the X-rays

Author: Enwei Liang¹

¹ *Physics Department, Giangxi University*

Corresponding Author: lew@gxu.edu.cn

11

Astrophysical Environment and HFQPO of 3:2:1 Ratio

Author: Yong Chun Ye¹

Co-author: Ding Xiong Wang¹

¹ *华中科技大学*

Corresponding Author: leavesspring@sina.com

12

CO lines in a water fountain star.

Author: Jinhua He¹

¹ *Yunnan Astronomical Observatory, CAS*

Corresponding Author: jinhuahe@ynao.ac.cn

Summary:

First detection of thermal CO lines in a water fountain star opens the door to explore jet launching mechanism in evolved stars.

13

The Remarkable Radio Tail of Pulsar J1509-5850

Author: Stephen C.-Y. Ng¹

Co-authors: Bryan Gaensler¹; Shami Chatterjee²; Simon Johnston²

¹ *The University of Sydney*

² *ATNF*

Corresponding Author: ncy@physics.usyd.edu.au

14

Measuring Expansion Rates of Supernova Remnants with Chandra and XMM-Newton

Author: Satoru Katsuda¹

¹ *NASA GSFC*

Corresponding Author: satoru.katsuda@nasa.gov

15

Jet power extracted from ADAF and the applications to X-ray binaries and radio galaxy FRI/FR II dichotomy

Author: QingWen Wu¹

¹ *International Center for Astrophysics, Korea Astronomy and Space Science Institute*

Corresponding Author: qwwu@shao.ac.cn

16

Observations of the Prompt High-Energy Emission of Gamma-Ray Bursts with the Fermi Gamma-ray Space Telescope

Author: Sylvain Guiriec¹

¹ *NSSTC/UAH*

Corresponding Author: sylvain.guiriec@lpta.in2p3.fr

17

Kompaneets equation for resonant cyclotron scattering and its application in pulsar magnetosphere

Author: Tong Hao¹

¹ *Department of astronomy, Nanjing University*

Corresponding Author: haotong@nju.edu.cn

18

HXMT User and Science Data Center

Author: Jianfeng Zhou¹

Co-authors: Jianying Nie ²; Yang Yang ³

¹ *Center for Astrophysics, Tsinghua University*

² *IHEP*

³ *Center for astrophysics, Tsinghua University*

Corresponding Author: zhoujf@tsinghua.edu.cn

19

What do the jets of the Cassiopeia A supernova remnant tell us about its progenitor star?

Author: Klara Schure¹

¹ *Utrecht University*

20

A Magnetic Flux Tube Oscillation Model for QPOs in SGR Giant Flares

Author: Bo Ma¹

Co-authors: Peng-Fei Chen ²; Xiang-Dong Li ²

¹ *Department of Astronomy, Nanjing University*

² *Nanjing University*

Corresponding Author: xiaomabo@gmail.com

21

IMPROVEMENT OF SOME PARAMETERS OF PLANETARY NEBULAE AND DETERMINATION OF THE TOTAL ENERGY FLUX RADIATED BY THEM IN THE REGION $\lambda > 912 \text{ \AA}$

Author: Kemale Alishreva¹

Co-author: Aynur Alili ¹

¹ _

Corresponding Author: galaktika2002@mail.com

22

Supernova 1987A at Age 22

Author: Richard McCray¹

¹ *University of Colorado*

Corresponding Author: dick@jila.colorado.edu

23

Stochastic Electron Acceleration in Shell-Type Supernova Remnants

Author: Zhonghui Fan¹

Co-author: Siming Liu ²

¹ *Department of Physics, Yunnan University*

² *Department of Physics and Astronomy, University of Glasgow*

Corresponding Author: fanzh@ynu.edu.cn

25

Discovery of superbubbles in nearby disk galaxies

Author: Jiangtao Li¹

Co-authors: Q. Daniel Wang ²; Yang Chen ³; Zhiyuan Li ⁴

¹ *Astronomy Department of Nanjing University*

² *UMass*

³ *NJU*

⁴ *CfA*

Corresponding Author: jiangtaoli@nju.edu.cn

27

Exciting Science with Cassiopeia A

Author: Tracey DeLaney¹

¹ *MIT Kavli Institute*

Corresponding Author: tdelaney@space.mit.edu

28

Distance and Progenitor of Historical Galactic SNR Tycho

Author: W. Tian¹

¹ *Calgary Uni./NAOC*

Corresponding Author: wtian@ucalgary.ca

29

Molecular environment of semicircular composite SNR 3C396

Author: Yang Su¹

Co-author: Yang Chen ²

¹ *Purple Mountain Observatory*

² *Astronomy Department of Nanjing University*

Corresponding Author: yangsu@pmo.ac.cn

30

Outflow possibilities derived from slim disk global solutions

Author: Chengliang Jiao¹

¹ *XMU*

Corresponding Author: jiaocl@xmu.edu.cn

31

The Seyfert AGN RX J0136.9-3510 and the Spectral State of Super Eddington Accretion Flows

Author: CHICHUAN JIN¹

Co-authors: Chris Done ¹; Marek Gierlinski ¹; Martin Ward ¹

¹ *Department of Physics, Durham University, UK*

Corresponding Author: jcc716@gmail.com

32

Galactic Winds and Bubbles

Author: Jackie Cooper¹

¹ *Australian National University*

Corresponding Author: jcooper@mso.anu.edu.au

33

Optical/infrared flares of GRBs

Author: Weihong Gao¹

¹ *Nanjing Normal University*

Corresponding Author: whgao@pmo.ac.cn

34

The Chandra View of DA 530: A Subenergetic Supernova Remnant with a Pulsar Wind Nebula?

Author: Bing Jiang¹

Co-authors: Daniel Wang²; Yang Chen¹

¹ *Astronomy Department, Nanjing University*

² *Astronomy Department, University of Massachusetts*

Corresponding Author: bjiang@nju.edu.cn

37

Fitting the kinematics in the pc-scale jet of S5 1803+784 by the non-ballistic superluminal model

Author: Biping Gong¹

¹ *Huazhong University of science and technology*

Corresponding Author: bpgong@mail.hust.edu.cn

38

The hard X-ray emission from high energy sources

Author: Shu Zhang¹

¹ *Institute of High Energy Physics*

Corresponding Author: szhang@mail.ihep.ac.cn

Summary:

The hard X-ray observations will allow us to explore the specific properties of the high energy sources. Some open questions like if there exists blue-shifted 511 keV in jet and what is the component of the jet bulk etc. can be well addressed. Any features detected from the newly discovered unknown sources might be regarded as pieces to recover a puzzle of source nature.

39

Molecular gas environment of SNR W49B

Author: Xin Zhou¹

Co-authors: Fabrizio Bocchino ²; Marco Miceli ²; Yang Chen ¹

¹ *Department of Astronomy, Nanjing University*

² *INAF-Osservatorio Astronomico di Palermo*

40

Tools to Dissect Supernova Remnants Observed with Chandra

Author: Laura Lopez¹

Co-authors: Daniela Huppenkothen ²; David Pooley ³; Enrico Ramirez-Ruiz ¹; Jonathan Granot ⁴; Tesla Jeltema ⁵; Tracey DeLaney ⁶

¹ *University of California Santa Cruz*

² *University of Amsterdam*

³ *University of Wisconsin Madison*

⁴ *University of Hertfordshire*

⁵ *UCO/Lick Observatories*

⁶ *MIT*

Corresponding Author: lopez@astro.ucsc.edu

41

Constraints on the radiation origin of GRB prompt emission by Fermi LAT observations

Author: Xiang-Yu Wang¹

¹ *Department of Astronomy, Nanjing University*

Corresponding Author: xywang@nju.edu.cn

43

LARGE SCALE CAVITIES SURROUNDING MICROQUASARS INFERRED FROM EVOLUTION OF THEIR RELATIVISTIC JETS

Author: Zhang Shuangnan¹

¹ *Tsinghua Univ.*

46

Tidal disruption of stars by IMBHs and its applications

Author: Lu Ye¹

Co-authors: Huang Yongfeng²; Zhang Shuangnan³

¹ *NAOC*

² *NJU*

³ *THCA*

47

The structure and evolution of the two-component broad-line regions in AGNs

Author: Zhu Ling¹

¹ *THCA*

48

Correlation between WMAP and SDSS data: evidence for foreground contaminations of galaxies to WMAP cleaned map

Author: jian wang¹

¹ *Department of Physics and Center for Astrophysics, Tsinghua University, Beijing 100084, China*

Corresponding Author: jian-w06@mails.tsinghua.edu.cn

49

Cosmological evolution of interacting phantom (quintessence) model in Loop Quantum Gravity

Author: Puxun Wu¹

¹ *Tsinghua Center for Astrophysics, Tsinghua University, Beijing 100084, China*

Corresponding Author: pxwu@tsinghua.edu.cn

50

A Study of the X-ray Dust Scattering Halo

Authors: shuangnan zhang¹; zhixing ling¹

¹ *Tsinghua center for Astrophysics*

Corresponding Author: lingzhixing@tsinghua.org.cn

51

Timescale Resolved Spectroscopy

Author: Yu Xiang Wu¹

Co-authors: Hao Liu ²; Tai Shan Wang ¹; Ti Pei Li ³; Tomaso Belloni ⁴

¹ *Tsinghua Univ.*

² *IHEP*

³ *Tsinghua Univ. & IHEP*

⁴ *INAF-Osservatorio Astronomico di Brera*

Corresponding Author: wuyx@mails.thu.edu.cn

53

A comparison of the iron ka emission lines of narrow-line and broad-line

Author: xinlin zhou¹

¹ *ihep*

54

Optical Fe II and Hbeta Emission Lines in Quasars: Evidence for Inflow as an Intermediate-line Region

Author: Chen Hu¹

¹ *IHEP*

55

Dynamos and Common Envelopes in Planetary Nebula Progenitors

Author: Jason Nordhaus¹

¹ *Princeton University*

Corresponding Author: nordhaus@astro.princeton.edu

56

Time dependent accretion flow with star formation

Author: Changshuo Yan¹

¹ *IHEP*

Corresponding Author: yancs@ihep.ac.cn

57

The RXTE capture of type-I X-ray bursts and dips from IGR J17473-2721

Author: Yu Peng Chen¹

¹ *ihp*

Corresponding Author: chenyp@ihep.ac.cn

58

Cross-correlation between 2XMMi and SDSS DR7

Author: WeiHao Bian¹

¹ *NJNU*

Corresponding Author: whbian@njnu.edu.cn

61

3-D Numerical Simulations of Colliding-Wind Binaries

Author: Atsuo Okazaki¹

¹ *Faculty of Engineering, Hokkai-Gakuen University*

Corresponding Author: okazaki@elsa.hokkai-s-u.ac.jp

62

Bubbles and Super-bubbles

Author: You-Hua Chu^{one}

64

Sources of energy for stellar winds (LBVs, WRs)

Author: Nir Shaviv^{N^{one}}

65

What makes a galaxy active?

Author: Martin Ward^{N^{one}}

66

Gamma-ray bursts: introducing relativistic explosions

Author: Ralf Wijers^{N^{one}}

67

Outflows of Accretion Disk

Author: Jufu Lu^{N^{one}}

68

Recent Results Obtained with AKARI on Supernova Remnants

Author: Bon-Chul Koo¹

¹ *Seoul National University*

69

Super Bubble in the Vicinity of Starburst Galaxy NGC 3077

Author: Zhong Wang¹

Co-author: Susan Neff²

¹ *Harvard-Smithsonian Center for Astrophysics*

² *Goddard Space Flight Center, NASA*

70

Observations of Pulsar Wind Nebulae

Author: Slane Patrick¹

¹ *Harvard-Smithsonian Center for Astrophysics*

71

Supernova Remnants and Their Environments

Author: Slane Patrick¹

¹ *Harvard-Smithsonian Center for Astrophysics*

72

AGN feedback and its cosmological effects

Author: Jianmin Wang¹

¹ *IHEP*

Corresponding Author: wangjm@ihep.ac.cn

73

Measuring the prompt emission regions of gamma-ray bursts

Author: Zhibin Zhang¹

¹ *Guizhou Univ.*

75

Lecture: Good talks for everyone!

Author: Ralf Wijers^{None}

76

The Study of General Relativistic Proto-neutron Star Winds in Strong Magnetic Fields

Author: Yanjun Chen¹

¹ *USTC*