

The 2016 Beijing-Nanjing Bilateral Astrophysics Workshop

Monday 9 May 2016

08:45-09:10 **Registration**

09:10-09:20 **Opening remarks**

Session I Chair: Thijs Kouwenhoven

09:20-09:40 Peng-fei Chen (NJU): *MHD waves in the solar corona*

09:40-10:00 Xuebing Wu (PKU): *A Survey of Luminous High-redshift Quasars with SDSS and WISE*

10:00-10:20 Yu Gao (PMO): *Introducing the JCMT large project MALATANG*

10:20-11:00 **Coffee break & Group Photo**

Session II Chair: Ji Yang

11:00-11:20 Jilin Zhou (NJU): *Time domain survey telescope of Nanjing University*

11:20-11:40 Xi Kang (PMO): *Numerical Investigation of Hundred Astrophysical Objects*

11:40-12:00 Rainer Spurzem (NAOC/PKU): *Dynamics of stars and supermassive black holes in galactic nuclei*

12:00-12:20 Luis Ho (PKU): *Galaxy Astrophysics on Many Scales*

12:20-13:30 **Lunch break**

Session III Chair: Gregory Herczeg

13:30-13:50 Zuhui Fan (PKU): *Weak lensing cosmological studies*

13:50-14:10 Xianzhong Zheng (PMO): *The evolution of cosmic star-forming galaxies*

14:10-14:30 Alexander Kolodzig (PKU): *Angular correlation studies of the cosmic X-ray background – A new frontier of large-scale structure studies with X-ray surveys*

14:30-14:50 Zhongyi Man (PKU): *Environment-dependence of AGN Activity in SDSS Contemporary Universe*

14:50-15:10 Yanmei Chen (NJU): *The growth of the central region by acquisition of counter-rotating gas in star-forming galaxies*

15:10-15:40 **Coffee break**

Session IV Chair: Jilin Zhou

15:40-16:00 Yang Chen (NJU): *Discovery of magnetar 3XMM J185246.6+003317, and addressing the issues of thermal composite SNRs by observing Kes 41*

16:00-16:20 Renxin Xu (PKU): *A General Bodmer-Witten's Conjecture*

16:20-16:40 Jianchun Shi (PMO): *Research of activity of distant comets*

16:40-17:00 Weiyang Wang (USTB): *The optical/UV excess of X-ray dim isolated neutron star: bremsstrahlung emission from a strange star plasma atmosphere*

17:00-17:20 Shuping Yan (PMO): *Our methods for studying X-ray variability*

18:00-..... **Banquet**

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Session V Chair: Qingjuan Yu

- 09:00-09:20 Linhua Jiang (PKU): *The final SDSS High-Redshift Quasar Sample: 52 quasars at $z > 5.7$ since 2000*
- 09:20-09:40 Jinyi Shuangguan (PKU): *Cold dust emission in quasar host galaxies*
- 09:40-10:00 Chong Ge (PMO): *Baryon content and dynamic state of galaxy clusters: XMM-Newton observations of A1095 and A1926*
- 10:00-10:20 Yanxia Xie (PKU): *A Tale of Three Galaxies: The anomalous dust properties in IRAS F10398+1455, IRAS F21013-0739, AND SDSS J0808+3948*
- 10:20-11:00 **Coffee break**

Session VI Chair: Keping Qiu

- 11:00-11:20 Xin Cheng (NJU): *Origin and Early Evolution of the Pre-structure of Solar Eruptions*
- 11:20-11:40 Su Wang (PMO): *Formation of the Planetary Candidates Observed by Kepler Mission*
- 11:40-12:00 Yuan-Yuan Chen (PMO): *Why Neptune Trojans are captured high-inclination Kuiper Belt Objects*
- 12:00-12:20 Yong Shi (NJU): *Star formation in nearby galaxies*
- 12:20-13:30 **Lunch break**

Session VII Chair: Linhua Jiang

- 13:30-13:50 Ji Yang (PMO): *Sciences from Northern Galactic Plane Line Survey*
- 13:50-14:10 Subo Dong (PKU): *All Sky Search for Bright Transients with ASAS-SN*
- 14:10-14:30 Wei Sun (PMO): *Stellar Feedback in Starburst Environments: Case of NGC 5461*
- 14:30-14:50 Li Ji (PMO): *Serendipity in the Galactic Hot Gas: Strong OVII(f) Line*
- 14:50-15:10 Ningchen Sun (PKU): *The Hierarchical Structure of the Stellar Content in the Star-Forming Regions of the Magellanic Clouds*
- 15:10-15:40 **Coffee break**

Session IIX Chair: Li Ji

- 15:40-16:00 Zhiyuan Li (NJU): *New insights in the stellar X-ray emission from globular clusters and dwarf galaxies*
- 16:00-16:20 Alessio Romeo (PMO): *The role of metal enrichment in chemodynamical simulations of galaxy populations*
- 16:20-16:40 Qingjuan Yu (PKU): *Mergers of galaxy clusters and their cosmological implications*
- 16:40-17:00 **Closing Remarks and Farewell**