

Astrophysics with All-Sky X-Ray Observations

-- 3rd International MAXI Workshop --

RIKEN Symposium, June 10–12 2008
Suzuki Umetaro Hall, RIKEN, Wako, Saitama, Japan

Tuesday, June 10

- 9:00 Registration
- 10:00 **Session 1 -- Opening; Black-hole binaries (Chair: Atsumasa Yoshida)**
- 10:00 [0-01] M. Matsuoka (12) Welcome to the third MAXI Workshop
- 10:15 [0-02] K. Makishima (30) Suzaku Observations of Black-Hole Binaries and ULXs
- 10:50 Coffee Break / Poster Viewing
- 11:20 **Session 2 -- Accretion variability (Chair: Luigi Piro)**
- 11:20 [0-03] A. Zdziarski (30) Long-term and super-orbital variability of X-ray binaries
- 11:55 [0-04] R. Matsumoto (30) Variability Science in Accretion Disk Theory
- 12:30 Lunch / Poster Viewing
- 14:00 **Session 3 -- MAXI mission; Galactic sources (Chair: Tadayasu Dotani)**
- 14:00 [0-05] S. Ueno (15) MAXI Mission Overview and Schedule
- 14:20 [0-06] H. Tomida (15) The X-ray cameras of MAXI mission : Gas Slit Camera (GSC) and Solid-state Slit Camera (SSC)
- 14:40 [0-07] M. Sugizaki (12) Response Functions of X-ray Slit Cameras Onboard MAXI and Simulator
- 14:55 [0-08] H. Negoro (30) MAXI nova alert system and black hole transients
- 15:30 [0-32] D. J. Thompson (30) Science of compact X- and gamma-ray sources: MAXI and GLAST
- 16:05 Coffee Break / Poster Viewing
- 16:35 **Session 4 -- Galactic sources; MAXI data (Chair: Masahiro Teshima)**
- 16:35 [0-10] R. Fender (30) Relativistic jets from X-ray binaries
- 17:10 [0-11] K. Ebisawa (30) Galactic Transient Sources with MAXI
- 17:45 [0-12] R. Wijnands (12) Discovering and monitoring sub-luminous X-ray binaries using MAXI
- 18:00 [0-13] S. Trushkin (12) Active flaring states of GRS 1915+105 and Cyg X-3 in radio/X-ray monitoring
- 18:15 [0-14] M. Kohama (12) MAXI data distribution and the archive System

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Thursday, June 12

- 9:30 **Session 9 — Compact hard X-ray/gamma-ray sources (Chair: Tatehiro Mihara)**
- 9:30 [0-30] L. Kuiper (30) Hard X-ray/soft γ -ray characteristics of magnetars
- 10:05 [0-31] M. Morii (12) Suzaku observation of the AXP 1E 1841-045 and the future observation in the MAXI era
- 10:20 [0-21] S. Kulkarni (30) New Transients in the Optical and Radio Sky
- 10:55 Coffee Break / Poster Viewing
- 11:25 **Session 10 — Compact hard X-ray/gamma-ray sources (Chair: Hideyo Kunieda)**
- 11:25 [0-33] P. Ubertini (30) The Hard X-ray sources observed by INTEGRAL/IBIS and their science
- 12:00 [0-34] N. Gehrels (30) Non-GRB X-ray and Hard X-ray Sources Observed with Swift
- 12:35 Lunch / Poster Viewing
- 14:00 **Session 11 — Source population; Diffuse emission (Chair: Masaki Mori)**
- 14:00 [0-35] M. Sakano (12) The 2XMM catalogue and variability of X-ray sources
- 14:15 [0-36] Y. Ueda (15) Extragalactic survey with MAXI
- 14:35 [0-37] D. McCammon (30) Diffuse soft X-ray sky
- 15:10 [0-38] E. Miyata (30) Diffuse Source Mapping with MAXI
- 15:45 Coffee Break / Poster Viewing
- 16:00 **Session 12 — Future missions; Closing (Chair: Dave Thompson)**
- 16:00 [0-39] T. Takahashi (15) NeXT
- 16:20 [0-40] B. Paul (12) ASTROSAT observations of variable X-ray sources: together with MAXI
- 16:35 [0-41] S. Zhang (12) Introduction to the Hard X-ray modulation Telescope (HXMT)
- 16:50 [0-42] N. Kawai (12) Concluding Remarks

Friday, June 13

9:30–15:30

MAXI Tour to Tsukuba Space Center

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Poster Session,

June 10 – June 11

9:00 - 18:30

June 12

9:00 - 16:30

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| P-01 | Eguchi, S. | MAXI Simulator: A Framework of Satellite Simulators |
| P-02 | Ishikawa, M. | On-board and Ground Data processing System of MAXI |
| P-03 | Ishikawa, M. | Ground Software System for MAXI data |
| P-04 | Kawasaki, K. | Overview of JEM-EF on ISS |
| P-05 | Kohama, M. | MAXI data distribution system |
| P-06 | Mihara, T. | The Gas slit camera, GSC, onboard MAXI |
| P-07 | Miyata, E. | Solite-state slit camera, SSC, onboard MAXI |
| P-08 | Negoro, H. | MAXI alert system |
| P-09 | Sugizaki, M. | Response Builder of MAXI X-ray Cameras for Analyses of Spatially Complex Source Region |
| P-10 | Suzuki, M. | GRB observations with MAXI |
| P-11 | Arimoto, M. | Spectral lag analysis of GRBs detected by HETE-2 |
| P-12 | Fujimoto, S. | Soft X-ray Emission And Lithium Production in Cen X-4 in Quiescence |
| P-13 | Fukazawa, Y. | Hard X-ray mapping of galaxy clusters |
| P-14 | Gandhi, P. | Light bending and the hard X-ray background |
| P-15 | Gendreau, K. | The Neutron star Interior Composition Explorer |
| P-16 | Hayasaki, K. | Probing the supermassive binary black holes with MAXI |
| P-17 | HIROI, K. | MAXI Catalog: Source Detection and Sensitivity |
| P-18 | Horike, N. | The on-board Attitude Determination System for MAXI |
| P-19 | Inoue, Y. | The Blazar Sequence and The Cosmic Gamma-Ray Background Radiation |
| P-20 | Kato, Y. | Quasi-Periodic Oscillations and Variable Emissions in Magnetohydrodynamic Accretion Flows |
| P-21 | Kawanaka, N. | X-ray Emissions from Three-dimensional Magnetohydrodynamic Coronal Accretion Flows |
| P-22 | Kinugasa, K. | Optical Follow-up Observations of Transient Sources at Gunma Astronomical Observatory |
| P-23 | Kira, C. | Suzaku-WAM soft gamma-ray all-sky monitor by the earth occultation technique |
| P-24 | Kishimoto Y. | Observation of Polarization in Hard X-Ray Region with PHENEX Polarimeter |
| P-25 | Kotani, T. | Multi-Wavelength Observations of the Microquasar SS~433 |
| P-26 | Kudo, Y. | Development of MITSuME telescope and observations of afterglows |
| P-27 | Kurita, K. | Recent Development Status of PoGOLite |

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- P-28 Machida, M. Magneto-hydrodynamic Simulations of Excitation of Low-Frequency QPOs in Black Hole Candidates
- P-29 Mizobuchi S. The development of the MAXI system monitor
- P-30 Mori, M. CANGAROO-III Search for TeV Gamma-rays from Two Clusters of Galaxies
- P-31 Mori, Y. A. Multiwavelength simultaneous observation of Blazar 3C454.3 at the gamma rays flare in November 2008
- P-32 Nakagawa Y. E. New Magnetar Frontiers with MAXI Survey
- P-33 Nakahira S. Wide-band gamma-ray burst detector: GRB monitor for the CALET mission
- P-34 Ohsuga, K. Global Radiative Magnetohydrodynamic Simulations of Black-hole Accretion Disks
- P-35 Paul, B. Long term intensity variations of Gen X-3
- P-36 Takahashi, I. Possible coordinate observations by MAXI and the AROMA wide-field optical monitor
- P-37 Takahashi, R. Eclipsing light curves for accretion flows around a rotating black hole and atmospheric effects of the companion star
- P-38 Takei, D. Evolutionary Studies of the Classical Nova with V458 Vulpeculae
- P-39 Toizumi, T. X-ray polarimetry small satellite Tsubame
- P-40 Yamaguchi, H. Study of the Ejecta Distribution in the Vela SNR with MAXI
- P-41 Yoshida, K. The CALET Project for All-Sky Gamma-Ray and Electron Observations on JEM-EF of ISS