

MAXI 15 Year Workshop for the Time Domain Astronomy

Tuesday, December 10, 2024 - Thursday, December 12, 2024

**Nihon university
Program**

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Tuesday, December 10, 2024

Opening remark - CST Hall (in Bld. A in the map) (10:25 AM - 10:30 AM)

Negoro

10-1 (10:30 AM - 12:00 PM)

Chair: N. Kawai (RIKEN)

time	[id] title	presenter
10:30 AM	[57] MAXI status and recent results	MIHARA, Tatehiro
10:50 AM	[58] MAXI transients in 15 years	NEGORO, Hitoshi
11:10 AM	[60] Swift and MAXI: 15 Years of Collaboration	KENNEA, Jamie
11:40 AM	[61] NuSTAR and MAXI: capturing transient sources near the Sun	PIKE, Sean

Poster session with lunch and coffee (12:00 PM - 1:30 PM)

10-2 (1:30 PM - 3:00 PM)

Chair: T. Mihara (RIKEN)

time	[id] title	presenter
1:30 PM	[62] Status and preliminary results of Einstein Probe	YUAN, Weimin
2:05 PM	[79] Transient search and multi-wavelength identification for the Einstein Probe mission	LI, Dongyue
2:25 PM	[63] Development and Operation Status of X-Ray Imaging and Spectroscopy Mission (XRISM)	TASHIRO, Makoto

coffee break (3:00 PM - 3:20 PM)

10-3 (3:20 PM - 4:40 PM)

Chair: W. Iwakiri (Chiba Univ.)

time	[id] title	presenter
3:20 PM	[64] XRISM/Xtend Transient Search: Deep X-ray Transients	YONEYAMA, Tomokage
3:50 PM	[65] Followup and monitoring observations of MAXI flare stars in optical bands	TSUBOI, Yohko
4:20 PM	[80] X-ray study of non-thermal plasma in stellar flares triggered by MAXI	KURIHARA, Miki

coffee break (4:40 PM - 5:00 PM)

10-4 (5:00 PM - 6:25 PM)

Chair: T. Tamagawa (RIKEN)

time	[id] title	presenter
5:00 PM	[59] X-ray Polarization in the Variable Sky	ROMANI, Roger
5:30 PM	[66] MAXI and NICER collaboration for soft X-ray transients	IWAKIRI, Wataru
5:50 PM	[70] Finding Relativistic Stellar Explosions as Fast Optical Transients	HO, Anna

Wednesday, December 11, 2024

11-1 (9:00 AM - 10:20 AM)

Chair: M. Sugizaki (Kanazawa U.)

time	[id] title	presenter
9:00 AM	[67] INTEGRAL contributions to time domain astronomy	KUULKERS, Erik
9:30 AM	[68] Orbital phase resolved and Intensity resolved spectroscopy of HMXBs with MAXI	PAUL, Biswajit
9:50 AM	[81] A new mechanism for state transition in Be X-ray binaries	OKAZAKI, Atsuo
10:05 AM	[82] Novel Paradigms of Magnetars Opened by Advanced Timing Studies	MAKISHIMA, Kazuo

coffee break (10:20 AM - 10:40 AM)

11-2 (10:40 AM - 12:00 PM)

Chair: M. Nakajima (Nihon-u)

time	[id] title	presenter
10:40 AM	[69] Overview of the Scientific Results from the Insight-HXMT Space Mission over 7 Years in Orbit	TAO, Lian
11:10 AM	[71] MAXI X-ray monitoring of transient high-mass X-ray binary pulsars	SUGIZAKI, Mutsumi
11:30 AM	[83] Monitoring SMC X-1's Spin and Superorbital Modulation using MAXI and NinjaSat	HU, Chin-Ping
11:45 AM	[84] Dust scattering echo around MAXI J1421-613 observed by Suzaku and Swift follow-up observations	NOBUKAWA, Kumiko

conference photo & Poster session with lunch and coffee (12:00 PM - 1:40 PM)

11-3 (1:40 PM - 3:10 PM)

Chair: H. Negoro (Nihon-u)

time	[id] title	presenter
1:40 PM	[72] MAXI detections and follow-up observations of outbursts from X-ray binaries	SHIDATSU, Megumi
2:10 PM	[85] The puzzling black hole candidate MAXI J1810-222	DEL SANTO, Melania
2:25 PM	[86] Exploring the broadband spectral and timing characteristics of GRS 1915+105 with AstroSat and NICER	DHAKA, Ruchika
2:40 PM	[73] Relativistic jets and MAXI sources	CORBEL, Stéphane

coffee break (3:10 PM - 3:30 PM)

11-4 (3:30 PM - 4:35 PM)

Chair: C. Done (university of Durham)

time	[id] title	presenter
3:30 PM	[74] Optical and X-ray monitoring of the early rise of the black hole X-ray binary, Swift J1753.5-0127	RUSSELL, David
4:00 PM	[87] You snooze, you lose: catching the early rise of outbursts in LMXBs with XB-NEWS	ALABARTA, Kevin
4:20 PM	[88] The delayed radio emission in the black hole X-ray binary MAXI J1348-630	YANG, Shuaikang

coffee break (4:35 PM - 4:55 PM)**11-5 (4:55 PM - 5:45 PM)****Chair: J. Kennea (Penn State)**

time	[id] title	presenter
4:55 PM	[75] The radio view of MAXI transients	TETARENKO, Alexandra
5:25 PM	[89] Geometrical and dynamic evolution of the accretion flow during the 2018 outburst of MAXI J1820+070	YOU, Bei

Banquet (6:30 PM - 8:30 PM)

Thursday, December 12, 2024

12-1 (9:00 AM - 10:25 AM)

Chair: M. Shidatsu (Ehime U.)

time	[id] title	presenter
9:00 AM	[76] Understanding accretion from Black Hole Binaries	DONE, Chris
9:20 AM	[90] Important roles of accretion rings in X-ray binaries	INOUE, Hajime
9:35 AM	[91] Magnetic Heating as the Origin of Bright Hard State in Black Hole Candidates	MATSUMOTO, Ryoji
9:55 AM	[92] 20 years of Winds in 4U 1630-47	PARRA, Maxime
10:10 AM	[93] Tests of driving mechanisms of the accretion disk winds in X-ray binaries	TOMARU, Ryota

coffee break (10:25 AM - 10:45 AM)

12-2 (10:45 AM - 12:10 PM)

Chair: W. Yuan (National Astronomical Observatories, Chinese Academy of Sciences)

time	[id] title	presenter
10:45 AM	[94] Dust reverberation mapping on type-2 AGN realized by MAXI and WISE monitor	NODA, Hirofumi
11:05 AM	[95] Early Discovery of TDE Candidates by the Einstein Probe Mission	JIN, Chichuan
11:25 AM	[96] Investigation on the broad-band emission and variability of radio-quiet AGN	CHENG, Huaqing
11:40 AM	[77] NinjaSat monitoring of Type-I X-ray bursts from the clocked burster SRGA J144459.2-604207	TAKEDA, Tomoshi
11:55 AM	[97] Status of MAXI observations of EM counterparts of GW events	SUGITA, Satoshi

Poster session with lunch and coffee (12:10 PM - 1:30 PM)

12-3 (1:30 PM - 3:10 PM)

Chair: M. Serino (AGU)

time	[id] title	presenter
1:30 PM	[78] First results of SVOM/ECLAIRS	ATTEIA, Jean-Luc
2:00 PM	[98] Overview of GRBs observed by MAXI	HIRAMATSU, Hiroki
2:20 PM	[99] Some Preliminary Results of LEIA - the Pathfinder of Einstein Probe	LIU, Heyang
2:40 PM	[100] Magnetar emergence in a peculiar gamma-ray burst from a compact star merger	SUN, Hui
2:55 PM	[101] Exploring New Opportunities in Time Domain Astronomy with the CATCH Space Mission	YIN, Qianqing

Concluding remark (3:10 PM - 3:15 PM)

Kawai