

8th East Asia VLBI Workshop Program

12+3 minutes Q&A

July 8, 2015

Status of East Asia VLBI activities (1)		chair: Fujisawa Kenta (Yamaguchi U.)
9:00-9:15	EAVN status and future Kobayashi Hideyuki (NAOJ)	
9:15-9:30	The East-Asian VLBI Network: Current Status and Action Plan Wajima Kiyooki (KASI)	
9:30-9:45	Current Status of Daejeon Correlator for EAVN Oh Se-jin (KASI)	
9:45-10:00	Current status and upgrade Activities of KVN Byun Do-Young (KASI)	
10:00-10:15	e-VLBI Status in CVN Chen Zhong (SHAO)	
10:15-10:30	Nobeyama 45m Telescope: Present Observing System and VLBI Capability Minamidani Tetsuhiro (NAOJ)	
10:30-10:35	Current Status of the Mizusawa 10m Radio telescope Kameya Osamu (NAOJ)	
10:35-11:00	Break	

Status of East Asia VLBI activities (2) / beyond EAVN		chair: Kobayashi Hideyuki (NAOJ)
11:00-11:15	The status of TianMa 65m radio telescope Shen Zhiqiang (SHAO)	
11:15-11:30	Recent Activities with the Long Baseline Array Edwards Phillip (ATNF/CSIRO)	
11:30-11:45	KVN-Style observations between Korea and the world Dodson Richard (ICRAR)	
11:45-12:00	Activities of the Asia-Oceania VLBI Group for Geodesy and Astrometry (AOV) Kawabata Ryoji (Geospatial Information Authority of Japan (GSI))	
12:00-12:15	The Project and Progress of Seshan VGOS Station Wang Guangli (SHAO)	
12:15-12:30	Development of radio astronomy in Thailand Jaroenjittichai Phrudth (NARIT)	
12:30-12:45	Development of the African VLBI Network (AVN): The Journey So Far Chibueze James (University of Nigeria)	

Astrometry/Phase-referencing		chair: Wu Yuanwei (NAOJ)
14:00-14:15	Mapping the Milky Way with the Australian Long Baseline Array Krishnan Vasaant (University of Tasmania)	
14:15-14:30	Test of the density-wave theory based on VLBI astrometry results Sakai Nobuyuki (NAOJ)	
14:30-14:45	The Performance of KaVA Phase Referencing Observations Jung Taehyun (KASI)	
14:45-15:00	The Power of Multi-Frequency Observations at mm-waves: Astrometry up to 132 GHz with the KVN, Rioja Maria (ICRAR)	
15:00-15:15	Progress on VLBI Ecliptic Plane Survey Shu Fengchun (SHAO)	
15:15-15:30	Local survey at the Shanghai Tianma 65-m antenna Li Jinling (SHAO)	
15:30-16:00	Break	

Star Formation		chair: Hirota Tomoya (NAOJ)
16:00-16:15	Class I methanol megamasers: A new probe for feedbacks of active galaxies Chen Xi (SHAO)	
16:15-16:30	KaVA observations of 44 GHz class I methanol masers in G10.32-0.26 Kim Mikyoung (KASI)	
16:30-16:45	Investigating methanol maser observation of massive star forming region IRAS18144-1732 and IRAS20198+3716 Shino Nagisa (NAOJ)	
16:45-17:00	The VLBI Monitor Project for the 6.7 GHz Methanol Masers Using the JVN/EAVN Sugiyama Koichiro (Ibaraki University)	
17:00-17:15	Multiple star formation and methanol maser source by EAVN observation Hachisuka Kazuya (Yamaguchi University)	
17:15-17:30	Discussions	

Note:

July 9, 2015

Instruments and Development		chair: Kim Hyun Gu (KASI)
9:00-9:15	An unified calibration of radio telescopes in EAVN Kawaguchi Noriyuki (NAOJ)	
9:15-9:30	The Development of Hardware Correlator in SHAO Xu Zhijun (SHAO)	
9:30-9:45	Control System and Visualization realized of VLBI Hardware Correlator at SHAO Guo Shaoguang (SHAO)	
9:45-10:00	The Hardware Correlator Data Playback System Gan Jiangying (SHAO)	
10:00-10:15	CVN software correlator development and its applications Zheng Weimin (SHAO)	
10:15-10:30	SHAO-DiFX correlator Jiang Wu (SHAO)	
10:30-11:00	Break	

Instruments and Development (2) / Evolved Star		chair: Jaroenjittichai Phrudth (NARIT)
11:00-11:15	The backends for VLBI and single dish at TM65 of SHAO Wu Yajun (SHAO)	
11:15-11:30	The next generation Platforms for CDAS Zhu Renjie (SHAO)	
11:30-11:45	Development of Broadband VLBI System Sekido Mamoru (National Institute of Information and Communications Technology of Japan)	
11:45-12:00	VLBA Astrometry of Mira Variable RT Vir Zhang Bo (SHAO)	
12:00-12:15	Simultaneous observations of the H ₂ O and SiO masers around the late-type stars using KVN Yun Youngjoo (KASI)	
12:15-12:30	Correlation between variable pulsation phase and SiO masers distribution Oyadomari Miyako (Kagoshima University)	
12:30-12:45	Discussions	

Note:

AGN (1)		chair: Asada Keiichi (ASIAA)
14:00-14:15	Quest for the Site of High Energy Emission in 3C 84 Nagai Hiroshi (NAOJ)	
14:15-14:30	VLBI Observations of Two "Change Look" AGNs: NGC 2617 and Mrk 590 Wu Xiaocong (SHAO)	
14:30-14:45	A JVN observation of double-peaked AGN 3C332 Hiroki Nakajima (Hokkaido University)	
14:45-15:00	KaVA Observations of a Narrow-Line Seyfert 1 Galaxy 1H 0323+342: Detection of a Parsec-Scale Stationary Component, Wajima Kiyoaki (KASI)	
15:00-15:15	PAGaN : Monitoring AGN jets in mas scale Oh Junghwan (Seoul National University)	
15:15-15:30	PAGaN: polarimetry with KVN Park Jongho, (Seoul National University)	
15:30-16:00	Break	

AGN (2)		chair: Sorai Kazuo (Hokkaido U.)
16:00-16:15	Gamma-ray Emitting CSOs An Tao (SHAO)	
16:15-16:30	The detection of a new counter-jet component of AGN 4C39.25 Yoo Hyemin (KASI/Yonsei University)	
16:30-16:45	High frequency VLBI imaging of OVV1633+382 Ro hyunwook (Yonsei University/KASI)	
16:45-17:00	Frequency Phase Transfer for iMOGABA: pushing the VLBI imaging of weak AGNs up to 129 GHz, Algaba_Marcos Juan_Carlos (KASI)	
17:00-17:15	Molecular Absorption Lines toward NGC 1052 Sawada-Satoh Satoko (Ibaraki University)	
17:15-17:30	VLBI Survey of Multiple Galactic Nuclei: Low-z Radio Galaxies Hiura Koichiro (Hokkaido University)	

Note:

July 10, 2015

AGN (3) chair: An Tao (SHAO)	
9:00-9:15	Simulating black hole jet image on Horizon Scale Pu Hung-Yi (ASIAA)
9:15-9:30	On the time evolution of the SgrA* accretion flow interacting with the G2 cloud Kawashima Tomohisa (NAOJ)
9:30-9:45	KaVA Q-band Monthly Monitoring of Sgr A* Zhao Guangyao (KASI)
9:45-10:00	Efficient acceleration of relativistic magnetohydrodynamic jets: theoretical study Toma Kenji (Tohoku University)
10:00-10:15	Discussions
10:15-10:45	Break

AGN (4) chair: Inoue Makoto (ASIAA)	
10:45-11:00	Mass accretion rate in M87 estimated with mm polarimetry and prospects for the mm/submm VLBI observations, Asada Keiichi (ASIAA)
11:00-11:15	M87 seen at 230GHz Kino Motoki (KASI)
11:15-11:30	230 GHz (1.3 mm) VLBI observations of M87 with the Event Horizon Telescope Akiyama Kazunori (NAOJ)
11:30-11:45	Deep imaging and monitoring of the collimation and acceleration region of the M87 jet Hada Kazuhiro (NAOJ)
11:45-12:00	M87 Image at 43 GHz with "Sparse Modeling" Tazaki Fumie (NAOJ)
12:00-12:15	Jet launching region constrained by mm/sub-mm VLBI: Lessons learned from M87 Nakamura Masanori (ASIAA)
12:15-12:30	Discussions

Note:

mm-VLBI development		chair: Kawaguchi Noriyuki (NAOJ)
14:00-14:15	Current status of EHT and related activities in Japan Honma Mareki (NAOJ)	
14:15-14:30	Status of mmVLBI using ALMA Iono Daisuke (NAOJ)	
14:30-14:45	Developments in expanding the EHT: Phased ALMA and SPT Wagner Jan (KASI)	
14:45-15:00	JCMT as a Mm/Submm VLBI Station Matsushita Satoki (ASIAA)	
15:00-15:15	Status on the Greenland Telescope Project and its science Inoue Makoto (ASIAA)	
15:15-15:30	Discussions	
15:30-16:00	Break	

mm-VLBI development (2) & Discussion		chair: Honma Mareki (NAOJ)
16:00-16:15	Balloon-borne VLBI experiment & submm observations of black hole shadow Doi Akihiro (JAXA)	
16:15-16:30	Mm Interferometer Collaboration Experiment 2015 (MICE2015) Fujisawa Kenta(Yamaguchi University)	
16:30-16:45	A proposal constructing mm/sub-mm VLBI network by east Asian power Miyoshi Makoto (NAOJ)	
16:45-17:30	Discussions	

Note:

Poster List	
Astrometry	Astrometry of the 'Twin' Star Forming Regions - NGC 6334I & I(North)
	Chibueze James (University of Nigeria)
Astrometry	Fringe check observations of SiO maser sources toward the Galactic center and antenna-nodding mode with KaVA
	Matsumoto Naoko (NAOJ)
Astrometry	Trigonometric parallax of HMSFR G035.20-1.74
	Wu Yuanwei (NAOJ)
Star Formation	Single-dish Activities for the 6.7 GHz Methanol Masers Using the Hitachi and Takahagi 32-m Telescopes
	Sugiyama Koichiro (Ibaraki University)
Evolved Stars	Simultaneous source frequency referencing observations of H ₂ O and SiO maser toward VX-SGR
	Yoon Dong-Hwan (KASI)
AGNs	Sgr A* imaging with KaVA observation result and Amplitude Calibration
	Cho Ilje (KASI)
AGNs	Preliminary results of KaVA observations on M81*
	Jiang Wu (SHAO)
AGNs	Addressing the formation mechanism of relativistic jet of nearby radio galaxies with multi-wavelength phase referencing VLBI
	Nakahara Satomi (SOKENDAI)
Others	VLBI Delay Reduced from S/C Observation and its Calibration in Chang'E Mission
	Wang Guangli (SHAO)
Instruments	Development of 230GHz Band CPRx-W for GLT
	Hasegawa Yutaka (Osaka Pref. Univ.)
Instruments	Preparation of two new radio telescopes at osaka prefecture university
	kimura Kimihiro (Osaka Pref. Univ.)
Instruments	Nobeyama 45m Telescope: Present Observing System and VLBI Capability
	Minamidani Tetsuhiro (NAOJ)
Instruments	Status of Usuda 64m and other JAXA antennas for EAVN observation
	Murata Yasuhiro (JAXA)
Instruments	A progress report on the development and performance of OCTAVE-DAS and Correlator System
	Oyama Tomoaki (NAOJ)
Instruments	Present status of Ibaraki station
	Yonekura Yoshinori (Ibaraki University)