

# Workshop: AGN jets 2014 -Recent progress-

Date : 2014 October 30th (Thursday), PM 1:00-5:30

Place: KASI, '장영실홀' Seminar Room 331-2

## Aim and Topics

Significant progress has been made in understanding AGN jets because of new multi-wavelength observations extending from the radio up to high energy gamma-rays in these years. However, various fundamental issues are still open. To stimulate workers on AGN fields and to get better understanding of AGN phenomena, we host this mini-workshop. Especially, recent status/progress of KVN/KaVA would be also summarized. Invited Speakers are as follows.

M. Giroletti (INAF/IRA) Radio-gamma connection, Polarizations  
SS Lee (KASI) Gamma-loud blazars with KVN  
G Zhao (KASI) Sgr A\* with KaVA  
T Jung (KASI) Phase-ref observation with KVN/KaVA

## Program

Program		
---------	--	--

1:00-1:05	M. Kino (KASI)	Opening address
-----------	----------------	-----------------

gamma-loud blazars (chair: Algaba)		
------------------------------------	--	--

1:05-1:45 (35+5)	M. Giroletti (INAF/IRA)	The connection between radio and gamma-ray emission in Fermi sources & the special case of Mrk421
------------------	-------------------------	---

1:45-2:15 (25+5)	SS Lee (KASI)	KSP: Origins of gamma-ray flares in AGNs
------------------	---------------	--

2:15-2:35 (15+5)	K. Wajima (KASI)	Japanese VLBI Network Observations of Gamma-Ray Loud Narrow-Line Seyfert 1 Galaxies
------------------	------------------	---

2:35-3:00		Coffee Break
-----------	--	--------------

AGN astrometry (chair: Giroletti)		
-----------------------------------	--	--

3:00-3:30 (25+5)	T Jung (KASI)	VLBI phase referencing with the KVN
------------------	---------------	-------------------------------------

M87 & Sgr A* (chair: Sohn)		
----------------------------	--	--

3:30-4:00 (25+5)	G Zhao (KASI)	KaVA 43 GHz imaging of Sgr A* with 1Gbps recording
------------------	---------------	--

4:00-4:20 (15+5) Algaba (KASI)

Insights of the rotation measure of the M87 jet on arcsecond scales

4:20-4:40 (15+5) Kino (KASI)

Monitoring of M87 with KaVA: towards velocity field mapping

4:40-5:00

Coffee Break

Summary
---------

5:00-5:15

Sohn (KASI)

Recap