

Abstract Submitted
for the APR10 Meeting of
The American Physical Society

TANAMI: High Resolution Physics of AGN in the Multiwavelength Era ROOPESH OJHA, NVI/USNO, MATTHIAS KADLER, Dr. Karl Remeis-Sternwarte, Bamberg, TANAMI COLLABORATION — Near simultaneous, multiwavelength observations of AGN are essential to discriminate between competing theoretical blazar emission models. Milliarcsecond resolution observations using Very Long Baseline Interferometry are the only way to spatially resolve the sub-parsec scale regions where the high-energy (and much of the lower energy) radiation originates. The TANAMI (Tracking AGN with Austral Milliarcsecond Interferometry) and associated programs provide comprehensive radio monitoring of extragalactic gamma-ray sources south of declination -30 degrees. We describe the TANAMI program, present results and place them in the context of observations across the electromagnetic spectrum.

Roopesh Ojha
NVI/USNO

Date submitted: 23 Oct 2009

Electronic form version 1.4