

KVN+VERA –Astrometry-

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1st Astrometry meeting

- 10/17(Mon)-10/19(Wed)
- 2hours TV conference

- Topics
 - Science
 - Observations (and Data reduction)

Science of Astrometry

Structure and Dynamics of Milky Way

- Galactic Constants
- Rotation Curve and Dark Matter
- Bar (Bulge)
- Spiral Arm
- 3D structure near Sun
- Mira PL relation

Observations

- Method
 - (1) KVN: switching, VERA: switching
 - (2) KVN: switching, VERA: dual beam
 - etc
- Test observations
 - High declination, bright maser and QSO pair (e.g. W3OH)
- Demonstration observations
 - Hardly resolved sources with VERA only (e.g. Sgr A*, nearby SFRs and AGB stars)