

Which would be your preferred VLBI network(s) when your science case involves:

1. Very high resolution studies of compact sources
2. Studies of cosmic objects with compact and also extended structures
3. Studies of very weak cosmic objects (mJy or less)
4. Need to observe at specific frequencies, for example the spectral lines of SiO (Silicon monoxide) around 43 GHz
5. Need to observe several spectral lines simultaneously, for example the lines of SiO at 43, 86, and 129 GHz
6. Need to obtain accurate absolute positions of the cosmic objects (astrometry)
7. Need of high cadence observations, many observations per year, such as in measurements of parallaxes
8. Need to obtain quick results, even in real time
9. Need to observe sources with large negative declinations, in the southern celestial hemisphere