

NEAT Additional Science

Boon or Bane?

The Ideal “Additional Science” Topic

- Important scientific topic
- Large community
- Limited observing time
- No additional technical complications or requirements

Some Limitations of NEAT

- Relative astrometry
- Bright targets
- Limited total number of observations (slews)
- Limited lifetime

Ideas for Possible Topics

- Young stellar cluster dynamics
- Near-Earth objects
- Compact galactic objects
- Planetary navigation
- Binary stars
- Orbits of known exoplanets
- Parallaxes of very bright stars (e.g. planet hosts)