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)