High spatial resolution spans the gambit from better-than seeing-limited ... to <mas

High spatial resolution opens up views across almost all science areas

Imaging for imaging’s sake – but also feeding other instruments

High spatial resolution and high contrast complement each other but are also separate
SOME SCIENCE ...

• Exoplanet confirmation and characterization
• Dark Energy and Cosmology (deblending)
• Solar system
• Stellar astrophysics and multiplicity
  • Astrometry (!)
MULTIPLE WAVELENGTHS AND TECHNIQUES

• Instruments
  • Optical and NIR adaptive optics
  • Speckle Imaging
  • Lucky Imaging
  • Aperture masking
  • Long-baseline interferometry

• Telescopes
  • 4 – 8 m

• Image Reconstruction Techniques