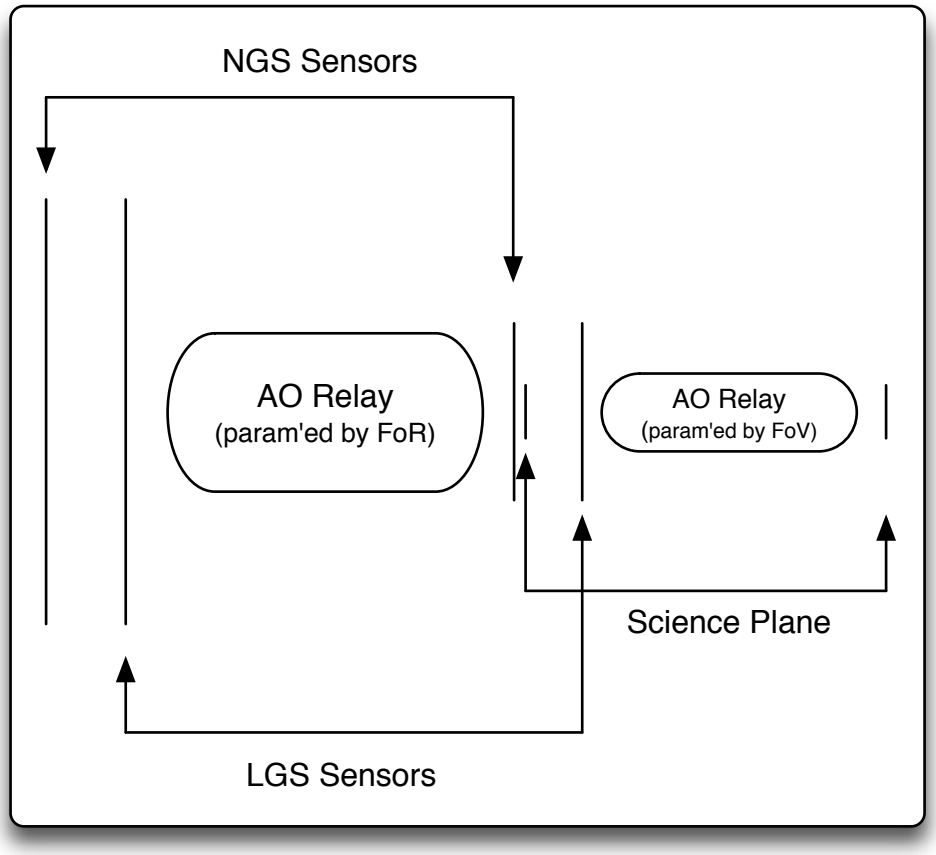
NGAO Architecture Taxonomy

*Syntax: [[c][NGS loc]] [[c][LGS_loc]] [m]*AO_Relay_Diam *[[c][NGS_loc]] [[c][LGS_loc]] [Sci_loc] [AO_Relay_Diam] [Sci_loc]*

[c] = MEMS Corrected
[m] = Multiconjugate



Example: 60 Back Back Back =
60" FoR Relay,
passive NGS,
passive LGS,
Sci Plane
(Keck I AO System w/ NIRC2)

Example: m120 Back Back Back =
MCAO 120" FoR Relay,
passive NGS,
passive LGS,
Sci Plane
(TMT NFIRAOS w/ IRMS)

Example: cFront cFront 6 Back =
MOAO NGS,
MOAO LGS,
MOAO Science (w/ 6" FoV)
(aggressive TMT IRMOS concept)

Example: cFront 100 Back 2 Back =
MOAO NGS,
single conjugate 100" relay,
classic LGS sensor,
MOAO Science

Example: 240 cBack Back Back =
240" FoR Relay,
MOAO NGS,
Classical LGS
Sci Plane
(Indian Wells NGAO w/ Single-object Imager

Example: 240 cBack Back 6 Back =
240" FoR Relay,
MOAO NGS,
Classical LGS
MOAO Science (w/ 6" FoV)
(Indian Wells NGAO w/ d-IFU