

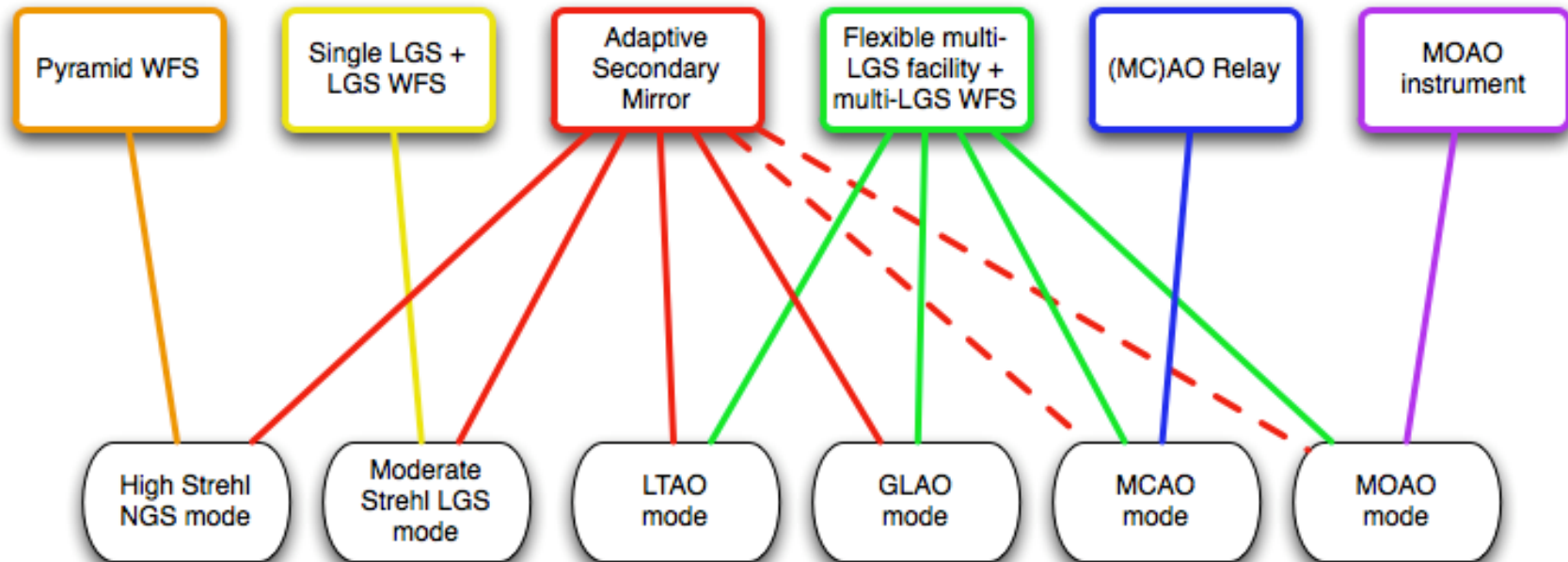
A comparison of astronomical performance metrics for potential Gemini-North Adaptive Optics systems

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We compared 8 potential GNAO systems based on the following performance metrics:

- Background-limited exposure time (Strehl, throughput)
- Corrected Field of View (isoplanatic angle, Number LGS)
- Sky Coverage
- Astrometric error sources (Strehl, FOV)
- Survey efficiency (exposure time & FOV)

Optimal AO system depends on the particular science case



Hard and electronic copies of 12 page paper with detailed comparison can be found at poster