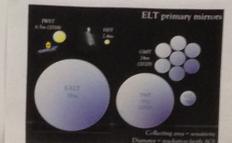
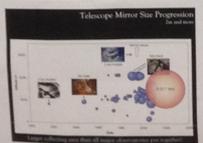


DISCUSSION ON TRANSIT SPECTROSCOPY

The European Extremely Large Telescope (E-ELT)



THOUGHT PROVOKING

- Primary v/s secondary eclipse (occultations)
- HIRES v/s MOS on ELT
- Interplay with space missions (JWST, CHEOPS, PLATO etc.)
- Ultimate limits with 8 m telescopes?
- Atmospheric modelling limited? Retrieval? CH₄ v/s CO
- Reality hits home – how much observing time, cadence, etc. on the E-ELT do we want / have.