

# Process for Concept 2

- Let Mission Concept 1 complete – get engineering perspective on what the tall cost polls are – could be done at end of Mission Concept 1 engineering study
- Asantha and Margaret have consulted with the high level advisors on the study and all have suggested a reduced cost from Mission Concept 1 (whatever that costs tend to be)
- In parallel to Mission Concept 1, do a science activity with the astronomy community this summer to gather additional science ideas using the capabilities that we are carrying on Mission Concept 1.
  - Need to make a new spreadsheet that asks for community to choose instrument modes and discussions
- Do a science ranking at the end of the summer to determine the top cases that are must keeps for any concept 2
- Review the Mission Concept 1 capabilities and make hard decisions that retain top science cases while having some breadth to accommodate other science.
- Look at cost, complexity and risk reduction possibilities:
  - e.g. JPL active telescope technology, detectors.
  - Require a smaller, known to be available launch vehicle – e.g. 5 m faring
  - Look at TRL level of items on the mission
- Deadline for science input for concept 2: