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: