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Abstract

A Concurrent Design Capability for the Development of International Space Missions

I propose to coordinate and develop a Team X concurrent and interactive demonstration of the early design stages of an international mission. The plan calls for the establishment of a remote video conferencing link and data link between Team X located at JPL, the 11th UN/ESA Workshop located in Cordoba, Argentina.

The purpose of this demonstration is to:

- 1) Establish a proof of concept for a concurrent and interactive mission design across International boundaries. This concept is an important step in establishing a capability for common mission designs with ESA and other agencies such as Argentina's Space Agency.
- 2) Lay the groundwork for the development of an international space mission proposal and project through the UN/ESA workshop forum.
- 3) Show how a space mission concept is developed to an international body of scientists, many from third world countries, attending the UN/ESA series of workshops.