





.



Ξ

2

Ē

≣

OBSTACLES TO TECHNOLOGY TRANSFER - II

- Space Flight project manager has little incentive to incorporate new technology
 - Increased perceived risk and up-front costs are serious detriments
 - Objectives are to meet performance specs, not to exceed them or to reduce life-cycle costs
 - Reluctance to fly un-proven (i.e., in-flight) technology
- Scientists develop plans and algorithms based on existing technology: efficiencies and cost reduction are considered undesireable in light of the uncertainties of research.

- The up-front cost of new technology may become cost-effective during later operational phases.

TECHNOLOGY TRANSFER IMPROVEMENT PROGRAM AT GSFC: Communication between Technology Developers and Users

- Establish committee of technologists to study strategic plans of User organizations: infer technology needs; performance goals expected to strain capabilities.
- Conduct an in-house Symposium/Workshop to present the on-going technology program (both in-house and NASA-wide) to the GSFC user community: products, delivery dates, expected benefits.
- Conduct (separate) meetings of technologist committee with key user points-of-contact: evaluate program with respect to user strategic vision. Recommend revisions, deletions augmentations.
- Repeat technology workshop annually: obtain feedback on relevance, quality, and utility.





11.00

1