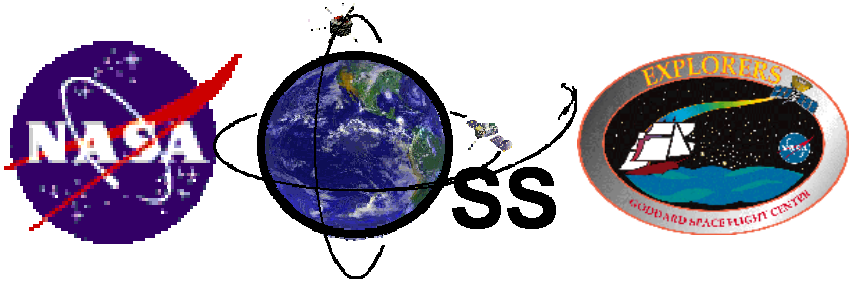
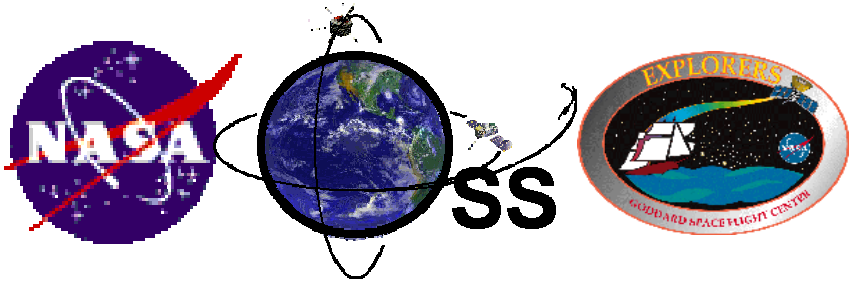


2003 SMEX Pre-Proposal Conference

Paul Hertz, Explorer Program Scientist
paul.hertz@hq.nasa.gov



SMEX 2003 PrePropConf

Welcome and Introduction

"NASA's Explorer program is an example of mission lines that are vital to realizing the Enterprise's science objectives. Explorer offers frequent opportunities to carry out small- and medium-sized missions (SMEX and MIDEX) that can be developed and launched in a short (approximately four-year) time frame. These focused missions can address science of great importance to several of the Themes and respond quickly to new scientific and technical developments. The Mission of Opportunity option enables valuable collaborations with other agencies, both national and international. Explorer Missions and Missions of Opportunity are selected for science value through competitive peer review.

Each Explorer solicitation elicits more high-quality experiments than can be implemented. Peer review, the ability to implement new, creative ideas, and quick reaction to recent discoveries are essential elements of the high science value of the Explorer program."

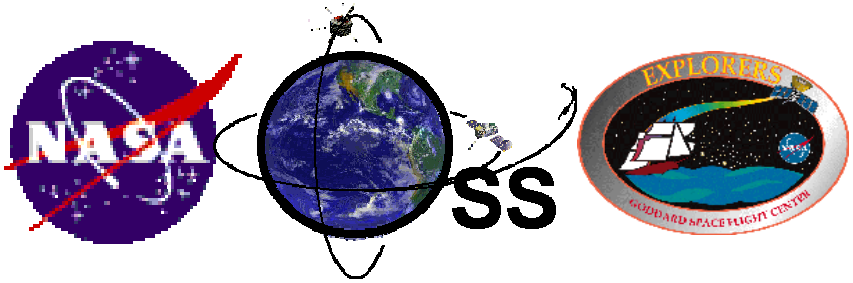
The 2003 Space Science Enterprise Strategic Plan (draft V2)

Washington Post Friday, February 14, 2003 Page A30

"But there are other, perhaps less profound lessons to be learned from this experiment [WMAP]. This map was produced with a $145 million grant, which is, by NASA's multibillion-dollar budget standards, relatively little money. More to the point, the satellite that created it was designed not to satisfy any particular policy goal but as the result of a scientific competition: Several dozen scientific groups made proposals about how best to use an experimental satellite. After extensive consultation with outside experts, this project -- proposed by NASA and Princeton University, along with some other universities -- emerged the winner. A major leap in understanding the origins of the universe emerged, in other words, not from a government commission, not for diplomatic or public relations purposes, but because a group of scientists convinced another group of scientists that this was something worth doing. This, surely, is what a future NASA should look like too."

Primary Resources

- The SMEX AO 03-OSS-02
  - http://spacescience.nasa.gov/, select "Research Opportunities"
  - http://research.hq.nasa.gov/code_s/nra/current/AO-03-OSS-02/
- The SMEX Explorer Program Library
  - http://explorer.larc.nasa.gov/explorer/sel.html
- The SMEX Acquisition Additional Information Home Page
  - http://explorer.larc.nasa.gov/explorer/smexacq.html
- Technical Points-of-Contact
  - Points of Contact (see Library documents)
- The Explorer Program Scientist
  - paul.hertz@hq.nasa.gov



Agenda

8:30	Welcome & Logistics	Paul Hertz (NASA/HQ) Jim Byrd (NASA/GSFC)
8:35	Introduction GSFC Explorer Program	Tony Comberiate (NASA/GSFC)
8:45	Overview of SMEX AO	Paul Hertz (NASA/HQ)
9:00	Evaluation/selection criteria and process	Paul Hertz (NASA/HQ)
9:30	Evaluation/selection criteria and process	Carlos Liceaga (NASA/LaRC)
10:00	BREAK & Technology Showcase	
10:30	SR&QA	Rick Claffy (NASA/GSFC)
11:10	Export Control	Paula Geisz (NASA/HQ)
11:35	Launch vehicles	Norman Beck (NASA/KSC)
12:00	ISS attached payloads	Chris Dunker (NASA/GSFC)
12:25	LUNCH & Technology Showcase	
2:00	Answers to submitted questions	Paul Hertz (NASA/HQ)
2:30	Close	