Astrophysics from the South Pole: Status and Future Prospects

Opening Remarks

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4 Apr 2011
Thanks

- Thanks to you all for coming!
- Thanks to organizing committee
  - Especially Greg Sullivan
- Thanks to NSF for funding:
  - Vladimir Papitashvili OPP/ANT
  - and also to MPS/PHY and MPS/AST
Why Hold this Workshop Now?

- Recent completion of major (order 10 year) construction projects at South Pole
  - New Station (SPSM)
  - Icecube

- NRC committee currently commissioned to review entire program:
  - "Future Science Opportunities in the Antarctic and Southern Ocean"
  - Looking to next 20 years

- Concurrent FACA Blue Ribbon Panel examining logistical operations in Antarctica
Goals of this Workshop

- Briefly review the history of astrophysical research from the South Pole
- Summarize the current on-going programs at South Pole and their results to date and expectations.
- Hear about plans, ideas and visions for future experiments
- Produce a report which summarizes this vibrant research program and its science and which emphasizes the infrastructural implications
  - Feed into the review process (informally)