

Dark Energy Task Force

<http://www.nsf.gov/mps/ast/detf.jsp>

- **Three agencies:** DOE; NASA; NSF
- **Two subcommittees:** AAAC (Illingworth); HEPAP (Gilman)
- **Two charge letters:** Kinney (NASA); Staffin (DOE); Turner (NSF)
- **Twelve members:** Overlap with AAAC, HEPAP, SDT
- **One chair:** Rocky Kolb (Fermilab/Chicago)
- **First meeting:** March 22-23, 2005 @ NSF
- **Future meetings:** July 1 @ FNAL; October @ UC Davis
- **Expectations:** Final report 31 December 2005

DETF Membership

- Andy Albrecht, Davis
- Gary Bernstein, Penn
- Bob Cahn, LBNL
- Wendy Freedman, OCIW
- Jackie Hewitt, MIT
- Wayne Hu, Chicago
- John Huth, Harvard
- Mark Kamionkowski, Caltech
- Rocky Kolb, Fermilab/Chicago
- Lloyd Knox, Davis
- John Mather, GSFC
- Suzanne Staggs, Princeton
- Nick Suntzeff, NOAO
- Agency Representatives
 - DOE: Kathy Turner
 - NASA: Michael Salamon
 - NSF: Dana Lehr
- Overlap with
 - SDT
 - HEPAP
 - AAAC

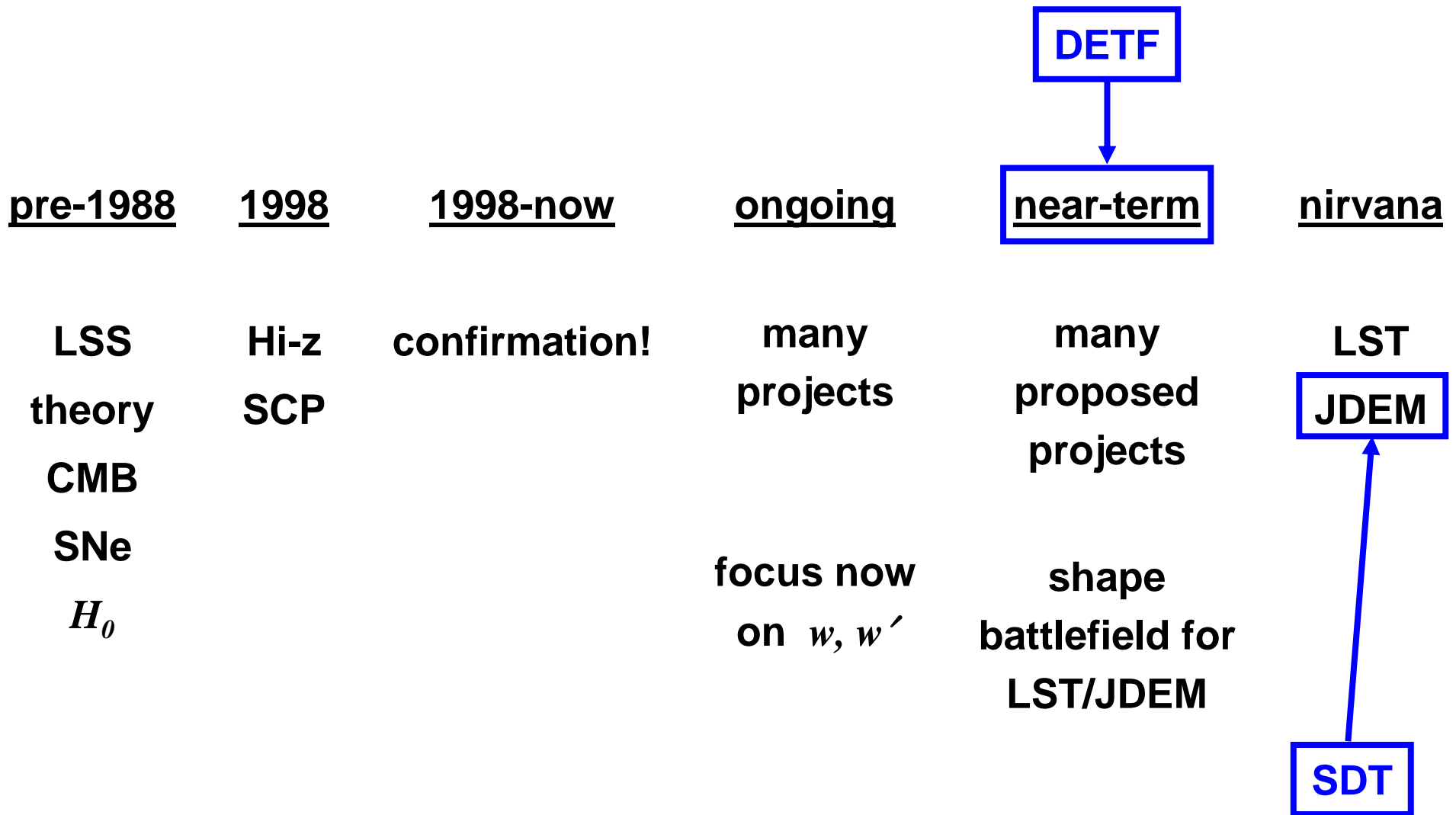
Dark Energy Task Force Charge*

“The DETF is asked to advise the agencies on the optimum near- and intermediate-term programs to investigate dark energy and, in cooperation with agency efforts, to advance the justification, specification and optimization of LST and JDEM.”

- 1. Summarize existing program of funded projects**
- 2. Summarize proposed and emergent approaches**
- 3. Identify important steps, precursors, R&D, ...**
- 4. Identify areas of dark energy parameter space existing or proposed projects fail to address**
- 5. Prioritize approaches (not projects)**

*** Fair range of interpretations of charge**

Dark Energy Landscape*



* Just my opinion.

First Step: Call for White Papers

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- **Purpose: Education of Task Force in order to give informed recommendations**
- **What we are looking for:**
 - **How projects can be put together in a program**
 - **Common needs**
 - **Technology**
 - **Astronomy information**