

U.S. Decadal Survey Process

Disclaimer: I am one of many participants; it's complicated; and others involved should speak up.

Committee Members:

This is the Executive Committee

Roger Blandford, chair

Lynne Hillenbrand, executive officer

21 other members divided among subcommittees

Subcommittee on Science – Martha Haynes, Vice Chair

Subcommittee on State of the Profession – John Huchra, Vice Chair

Subcommittee on Programs – Marcia Rieke, Vice Chair

Subcommittee on Science:

Martha Haynes, vice-chair

Lars Bildsten

John Carlstrom

Fiona Harrison

Timothy Heckman

Jonathan Lunine

Juri Toomre

Scott Tremaine

Subcommittee on State of the Profession:

John Huchra, vice-chair

Debra Elmegreen

Joshua Frieman

Robert Kennicutt

Dan McCammon

Neil de Grasse Tyson

Subcommittee on Programs:

Marcia Rieke, vice-chair

Steven Battel

Claire Max

Steven Ritz

Michael Turner

Paul Vanden Bout

Thomas Young

There will be four Program Prioritization Panels that are being chosen now. Program prioritization will occur after science prioritization and considerations of state of the field have been put forward.

Two opportunities for input have been announced

Notices of Interest – due January 14

*Titles and contact persons are now listed on the web
Will be used for planning; committee will request
further information*

Science white papers – due February 15

Will be made public

Notices of Interest with Possible Connection to MWA

Reionization and Dark Ages Radio Experiment – Backer

Lunar Radio Array – Lazio

Lunar Low-Frequency Radio Array for Cosmology (NRC study) – Burns
Square Kilometer Array – Cordes

The North America Array – Ulvestad

Long Wavelength Array – Taylor

Detectors and Arrays for Long Wavelength Astrophysics – Bock
Radio Cosmology Telescope – Morales

Radio Adaptive Optics Seeing Correction – Lamb

Radio Sky Surveys Project - Bower

Reionization and Dark Ages Radio Experiment

Institutions and spokespersons

UC Berkeley – Don Backer

Massachusetts Institute of Technology – Jackie Hewitt

National Radio Astronomy Observatory – Rich Bradley

Center for Astrophysics – Lincoln Greenhill

Haystack Observatory – Colin Lonsdale

UC Los Angeles – Steve Furlanetto

U. Washington – Miguel Morales

U. Pennsylvania – J. Agierre

Australia National University – Frank Briggs

Raman Research Institute – Ravi Subrahmanian

Lunar Radio Array

Naval Research Laboratory

MIT

NASA Goddard Space Flight Center

NASA Jet Propulsion Laboratory

University of Colorado

California Institute of Technology

Harvard University

National Radio Astronomy Observatory

Smithsonian Astrophysical Observatory

U. California, Berkeley

U. California, Los Angeles

University of New Mexico

Virginia Polytechnic Institute

SKA

California Institute of Technology
Cornell University
Harvard-Smithsonian Center for Astrophysics
Haystack Observatory
Jet Propulsion Laboratory
Massachusetts Institute of Technology
National Astronomy and Ionosphere Center
National Radio Astronomy Observatory
Naval Research Laboratory
SETI Institute
University of California, Berkeley
University of Illinois
University of New Mexico
University of Wisconsin

SCIENCE WHITE PAPERS

What I know from word of mouth – others please comment

EoR #1 – Astrophysics of Early Structure Formation – Furlanetto

EoR #2 – Cosmology from Hydrogen Structure – Loeb

Solar Physics – Greenhill & Kasper

Low Frequency Astrophysics – Philstrom

Several (5 or 6?) – SKA science topics – Cordes and US SKA Cons.

Pulsars - ??

PROCESS (18 months)

Science panels will evaluate science white papers

Committee will invite some NoI submitters to provide further information

Science and state of profession will be assessed

Discipline panels will rank projects

Committee will make final ranking