

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

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Board on International Scientific Organizations

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Board on Physics and Astronomy
Space Studies Board

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Beyond the Decade: The Future of International Astronomy

A Celebration of the International Year of Astronomy

Friday, October 9, 2009

Keck Center of The National Academies, Room 100

9:00-9:15

Welcome

John Huchra (chair of the NAS Astronomy Section, President of the American Astronomical Society, and past chair of the USNC/IAU)

9:15-10:15

Keynote Address (setting the stage for the rest of the day):

Michael S. Turner (The University of Chicago, Bruce V. & Diana M. Rauner Distinguished Service Professor; former Assistant Director for Mathematical and Physical Sciences for the U.S. National Science Foundation)

Questions to be addressed:

What are the contributions of international astronomy?

What objectives make sense for multi-national cooperation?

What are the implications for future large-scale international projects in astronomy?

10:15-10:30

Break

10:30-12:30

Panel I: Contributions of International Astronomy

Task: Discuss major programs and activities in respective countries/regions.

Structure of panel: 15 minutes each followed by 30-minute Q&A

Moderator:

John Huchra

China: Dr. Jian-Sheng Chen, Chinese Academy of Sciences

Japan: Dr. Hajime Inoue, Institute of Space and Astronautical Science

India: Dr. Krishnaswami Kasturirangan, National Inst. Of Advanced Studies, Bangalore

Europe: Dr. Bruno Leibundgut, European Southern Observatory (ESO)

Chile: Dr. Maria Teresa Ruiz, Universidad de Chile

Australia: Dr. Brian Boyle, Commonwealth Scientific and Industrial Research Organization-Square Kilometre Array (CSIRO-SKA)

12:30-1:25

Lunch

1:25-2:55 **Panel II: Case Studies of Multi-National Cooperation**
Task: Case studies of multi-national cooperation
Structure of panel: 15-20 minutes each followed by 30-minute Q&A

Moderator:
Adam Burrows

The James Webb Space Telescopes (JWST): Dr. Matt Mountain, Space Telescope Science Institute
Atacama Large Millimeter Array (ALMA): Dr. Martha Haynes, Cornell University
The GEMINI Telescopes: Dr. Eileen Friel, Lowell Observatory
Stratospheric Observatory for Infrared Astronomy (SOFIA): TBD

2:55-3:10 *Break*

3:10-4:50 **Panel III: Implications for the Future in...**
Task: Discuss implications for future from perspective of each discipline
Structure of panel: 4 talks of 20 minutes each followed by 30 min Q&A

Moderator:
John Huchra

Planetary Science: Dr. Eugene Levy, Rice University
Optical & Infrared Astronomy: Dr. John C. Mather, NASA
Radio Astronomy: Dr. Fred Lo, NRAO
Cosmology & Astrophysics: Dr. Saul Perlmutter, UC Berkeley
X-ray Astronomy: TBD

4:50-5:00 **Closing Remarks**
Adam Burrows, Vice-Chair of the Board on Physics and Astronomy

5:00-7:00 **Reception**

SPECIAL THANKS TO OUR PLANNING COMMITTEE:
John Huchra, Adam Burrows and Charles Kennel

This event is co-sponsored by the Board on International Scientific Organizations, the Board on Physics and Astronomy, and the Space Studies Board.