



**Board on Physics and Astronomy
2024 Spring Meeting
May 7-8, 2024
Hybrid Meeting
Keck Center, Room 201
500 5th Street NW, Washington, D.C. 20001
ALL TIMES EASTERN DAYLIGHT TIME (UTC-7:00)**

TUESDAY, MAY 7, 2024

OPEN SESSION

Vimeo Link: <https://vimeo.com/event/4233366>

- 9:30 AM National Aeronautics and Space Administration Astrophysics Update** *Dr. Mark Clampin,*
(25-minute presentation & 15-minute discussion period) *Astrophysics Division Director, SMD, NASA*
- 10:10 AM National Science Foundation Astrophysics Update** *Dr. R. Chris Smith,*
(25-minute presentation & 15-minute discussion period) *Interim Astronomical Sciences Division Director, MPS, NSF*
- 10:50 AM Break**
(15-minute break)
- 11:05 AM Department of Energy, Office of Nuclear Physics Neutron Star Research** *Dr. Sharon Stephenson*
(25-minute presentation & 15-minute discussion period) *Office of Nuclear Physics Research Division Director, SC-NP, DOE*
- 11:45 AM Lunch Break (60-minutes)**
- 12:45 PM Roundtable Discussion with NSF Directorates' Leadership: Mathematical and Physical Sciences (MPS), Computer and Information Science and Engineering (CISE), Engineering (ENG), and Geosciences (GEO-AGS)**
(60-minute for 4x15-minute presentations & 30-minute discussion period)
Participants: *Dr. Denise Caldwell, MPS Acting Assistant Director; Dr. Saul Gonzalez, Physics Division Director; Dr. R. Chris Smith, Astronomical Sciences Division Interim Director; and Dr. Germano Iannacchione, Materials Research Division Director*
Dr. Siddiq Qidwai, Computing & Communication Foundations Acting Deputy Division Director, CISE
Dr. Sohi Rastegar, Head Office of Emerging Frontiers and Multidisciplinary Activities, ENG
Dr. Mangala Sharma, Team Lead for the Geospace Cluster, Division of Atmospheric and Geospace Sciences

https://nsf-gov-resources.nsf.gov/2023-08/NSF_Org_Chart.pdf

2:15 PM Break (15-minute break)

2:30 PM **Update on NASEM Report: “Bringing Fusion to the U.S. Grid”** **Dr. Richard Hawryluk,**
DOE Office of Science Senior Technical Advisor (retired)
DOE Fusion Energy (FES) Vision Overview **Dr. Jean Paul Allain,**
FES Associate Director, Office of Science
(20-minute presentation & 10-minute discussion period)

3:00 PM **Roundtable Discussion with DOE Office of Science (SC-DOE) Leadership: Advanced Computing Research Sciences (ASCR), Basic Energy (BES), Biological and Environmental Research (BER), High Energy Physics (HEP), Nuclear Physics (NP), and Fusion Energy Sciences (FES)**
(60-minute for 6x10-minute presentations & 20-minute discussion period)
Participants: **Dr. Linda Horton,** *Associate Deputy Director for Science Programs, Office of Science, SC-DOE*
Dr. Ceren Susut, *Office of Advanced Computing Research Sciences Associate Director, SC-ASCR*
Dr. Andrew Schwartz, *Office of Basic Energy Acting Associate Director, SC-BES*
Dr. Dorothy Koch, *Office of Biological and Environmental Research Associate Director, SC-BER*
Dr. Regina Rameika, *Office of High Energy Physics Associate Director, SC-HEP*
Dr. Sharon Stephenson, *Office of Nuclear Physics Research Division Director, SC-NP*
Dr. John Mandrekas, *Office of Fusion Energy Sciences Research Division Director, SC-FES*
https://www.energy.gov/sites/default/files/2024-01/DOE%20Org%20Chart_%20energy_dot_gov.pdf
https://science.osti.gov/-/media/_pdf/about/onesc_orgchart_042124.pdf

4:20 PM Break (10-minute break)

4:30 PM Meeting Adjourns to Executive Session

WEDNESDAY, MAY 8, 2024

OPEN SESSION

Vimeo Link: <https://vimeo.com/event/4233375>

8:45 AM **National Institute of Health Research Overview** **Dr. Lawrence A. Tabak**
(25-minute presentation & 20-minute discussion period) *Research Principal Deputy Director, NIH*

9:30 AM **Department of Homeland Security Research Overview** **Dr. Adam Cox**
(25-minute presentation & 20-minute discussion period) *Chief Scientist, Science and Technology Director
Strategy and Policy, Directorate, DHS*

10:15 AM Break (15-minute break)

10:30 AM **Thriving in Space—Ensuring the Future of Biological and Physical Sciences Research: A Decadal Survey for 2023-2032** **Drs. Rob Ferl and Krystyn Van Vliet, Study Co-Chairs**
(30-minute presentation & 30-minute discussion period)

11:30 AM **Summary of Particle Physics Project Prioritization Panel (P5) Report** **Dr. Hitoshi Murayama**
(45-minute presentation) *Chair of P5, University of California, Berkeley*
Dr. Sally Seidel, *Professor of Physics at the University of New Mexico*
Dr. Karsten Heeger, *Professor and Chair of the Physics Department, and Director of the Wright Laboratory, Yale University*

12:15 PM Meeting Adjourns to Executive Session

1:00 PM Discussion of American Institute of Physics Graduate Student Financial Support Data **Mr. Patrick Mulvey**
(30-minute presentation) *Research Manager Statistical Research, AIP*

1:30 PM Meeting Adjourns to Executive Session