AGENDA (final)

Tuesday, August 14, 2018

12:30 – 12:45 PM  Call to Order and Official Opening of the Meeting
Anne Kinney, Assistant Director, MPS

FACA briefing
John Gillaspy, Staff Associate, Office of the Assistant Director, MPS

Approval of prior meeting minutes
Catherine Pilachowski, MPS Advisory Committee Chair

12:45-1:30 PM  MPS Update
Anne Kinney, Assistant Director, MPS

1:30 – 2:00 PM  Big Ideas I: Quantum Leap
Saul Gonzalez, Program Director for Elementary Particle Physics, MPS
Sohi Rastegar, Senior Advisor, ENG
Science hors d’oeuvre: *Materials for Quantum Leap – Select Examples*
Tomasz Durakiewicz, Program Director for Condensed Matter Physics, MPS

2:00 – 2:30 PM  Big Ideas I: Quantum Leap
Discussion by the Committee
Discussion leaders: P. Bucksbaum, R. Bryant, and D. Awschalom

2:30 – 2:45 PM  Break

2:45 – 3:15 PM  Big Ideas II: Windows on the Universe
Jean Cottam Allen, acting Deputy Director, Division of Physics, MPS
Joe Pesce, Program Director for the National Radio Astronomy Observatory, MPS

3:15 – 3:45 PM  Big Ideas II: Windows on the Universe
Discussion by the Committee
Discussion leaders: L. Hillenbrand and C. Pilachowski

3:45 – 4:45 PM  Prep for meeting with NSF Director and Chief Operating Officer
Catherine Pilachowski, MPS Advisory Committee Chair

4:45 – 5:00 PM  Closing remarks and adjourn for the day
Anne Kinney, Assistant Director, MPS
Wednesday, August 15th, 2018

8:30 – 8:35 AM  Call to Order and official opening of the second day of the meeting
Anne Kinney, Assistant Director, MPS

FACA briefing
John Gillaspy, Staff Associate, Office of the Assistant Director, MPS

8:35 – 8:50 AM  NSF's Policy on Sexual Harassment
Robert Cosgrove, Compliance Program Manager, NSF Office of Diversity and Inclusion
and Discussion by the Committee

8:50 – 9:20 AM  Big Ideas III: Harnessing the Data Revolution
Juan Meza, Director, Division of Mathematical Sciences, MPS
Chaitanya Baru, Senior Advisor for Data Science, CISE
Science hors d'oeuvre: Daryl Hess, Program Director, Condensed Matter and Materials Theory, MPS

9:20 – 9:50 AM  Big Ideas III: Harnessing the Data Revolution
Discussion by the Committee
Discussion leaders: S. Brenner, C. Hunt, and A. Millis

9:50 – 10:15 AM  Break

10:15 – 10:45 AM  Big Ideas IV: Understanding the Rules of Life
Denise Caldwell, Director, Division of Physics, MPS
Theresa Good, Deputy Director, Division of Molecular and Cellular Biosciences, BIO
Deborah Olster, Senior Advisor, SBE
Science hors d'oeuvre: Can Zeroing In Shine Light on the Rules of Life?
Catalina Achim, Program Director for Chemistry of Life Processes, MPS

10:45 – 11:15 AM  Big Ideas IV: Understanding the Rules of Life
Discussion by the Committee
Discussion leaders: J. Lewis and M. Sanford

11:15 – 11:45 AM  Discussion about possible future subcommittee on Synthetic "Materials" Biology
Linda Sapochak, Director, Division of Materials Research, MPS
Richard Dickinson, Director, Division of Chemical, Bioengineering, Environmental, and Transport Systems, ENG
11:45 – 12:00 noon  Update on MPSAC Subcommittee on Physics Frontiers Centers Program (PFC)
Jean Cottam Allen, acting Deputy Director, Division of Physics, MPS
Donald Geesaman, Chair of the PFC Subcommittee, Argonne National Laboratory

12:00 – 1:30 PM   Working lunch (take-out from cafeteria on 2nd floor)
The NSF 2026 Idea Machine (creating the Big Ideas of the future)
Lin He, acting Deputy Director, Chemistry Division, MPS

1:30 – 2:30 PM    Discussion with NSF Director and Chief Operating Officer
France A. Córdova, Director, NSF
Fleming Crim, Chief Operating Officer, NSF

2:30 – 3:15 PM    Recap/revisit items from above
Anne Kinney, Assistant Director, MPS
Catherine Pilachowski, MPS Advisory Committee Chair
Discussion by the Committee

3:15 – 3:30 PM    Break

3:30 – 3:45 PM    Opportunity for public Q&A/Comments
Catherine Pilachowski, MPS Advisory Committee Chair

3:45 – 4:00 PM    Preparation/assignments for next meeting
Catherine Pilachowski, MPS Advisory Committee Chair

4:00 PM    Adjourn
Anne Kinney, Assistant Director, MPS