



**DAY 1                    TUESDAY, APRIL 17, 2018**

- 11:30-12:15      *Registration and Light Refreshments*
- 12:15              *Meeting Begins*
- 12:15-12:30      **Welcome, Introductions, and Agenda**  
Darryll Pines, ENG Advisory Committee Chair  
Dawn Tilbury, Assistant Director for Engineering  
Linda Blevins, Deputy Assistant Director for Engineering
- 12:30-1:15       **Directorate for Engineering Report**  
Dawn Tilbury, Assistant Director for Engineering
- 1:15-1:30        **NSF Budget Update**  
Antony DiGiovanni, Acting Division Director, NSF Budget Division
- 1:30-2:00        **Reports from Advisory Committee Liaisons**  
Tilak Agerwala, Advisory Committee on Cyberinfrastructure  
Pedro Alvarez, Advisory Committee on Environmental Research and Education  
Gilda Barabino, Committee on Equal Opportunities in Science and Engineering  
Susan Butts, Subcommittee on the SBIR/STTR Program
- 2:00-2:15        *Break*
- 2:15-2:20        **Visioning for Engineering**  
Dawn Tilbury, Assistant Director for Engineering
- 2:20-2:45        **CCC: Visioning for Computing Research**  
Erwin Gianchandani, Deputy Assistant Director, Directorate for Computer and Information  
Science and Engineering (CISE), and  
Nina Amla, Program Director, CISE Division of Computing and Communication Foundations
- 2:45-3:00        **M-Foresight: Visioning for Advanced Manufacturing Research**  
Bruce Kramer, Senior Advisor, ENG Division of Civil, Mechanical and Manufacturing Innovation
- 3:00-3:15        **DOE Workshops: Visioning for Basic Energy Research**  
Linda Blevins, Deputy Assistant Director for Engineering
- 3:15-4:15        **Engineering Break-out Sessions on Visioning for Engineering**  
Members of the Advisory Committees for Engineering
- 4:15-4:45        **Reporting from Break-out Session**  
Led by Darryll Pines, ENG Advisory Committee Chair
- 4:45-5:30        **Preparation for Discussion with the Office of the Director**  
Led by Darryll Pines, ENG Advisory Committee Chair
- 5:30               *Meeting Adjourns for the Day*



**DAY 2**                    **WEDNESDAY, APRIL 18, 2018**

8:00-8:30                *Light Refreshments*

8:30                      *Meeting Resumes*

8:30-9:00                **Roundtable on Strategic Recommendations for ENG**  
Led by Darryll Pines, ENG Advisory Committee Chair

9:00-10:00              **Perspectives from the Director's Office**  
France Córdova, NSF Director

10:00-10:15            *Break*

SPECIAL SESSION BEGINS

10:15-10:25            **A Vision for Navigating the New Arctic**  
Dawn Tilbury, Assistant Director for Engineering  
Kelly Falkner, Office Director, GEO Office of Polar Programs

10:25-10:55            **Arctic Design Group. Mediating Environments**  
Matthew Jull, Assistant Professor of Architecture, School of Architecture, University of Virginia,  
and Director, Arctic Design Group

10:55-11:05            **Opportunities for Engineering in Navigating the New Arctic**  
Deborah Goodings, Division Director, ENG Division of Civil, Mechanical and Manufacturing  
Innovation

11:05-12:05            **Break-out Sessions on Navigating the New Arctic**  
Members of the Advisory Committees for Engineering and for Polar Programs

12:05-12:20            **Reporting from Break-out Sessions**  
Led by Darryll Pines, Chair, ENG Advisory Committee, and  
W. Berry Lyons, Advisory Committee for Polar Programs (AC-OPP)

SPECIAL SESSION ENDS

12:20-12:25            **Recognition of Departing Advisory Committee Members**  
Dawn Tilbury, Assistant Director for Engineering

12:25-12:35            **Closing Remarks and Wrap Up**  
Darryll Pines, ENG Advisory Committee Chair  
Dawn Tilbury, Assistant Director for Engineering

12:35                    *Meeting Adjourns*