

Directorate for Engineering (ENG) Advisory Committee Meeting  
National Science Foundation  
April 7-8, 2021  
Virtual (times shown are Eastern Daylight)



**DAY 1**                    **WEDNESDAY, APRIL 7, 2021**

- 10:30-11:00    *Registration*
- 11:00            *Meeting Begins*
- 11:00-11:15    **Welcome, Introductions, and Agenda**  
Sarah Rajala, ENG Advisory Committee Chair  
Leah Jamieson, ENG Advisory Committee Co-Chair  
Dawn Tilbury, Assistant Director for Engineering  
Linda Blevins, Deputy Assistant Director for Engineering
- 11:15-12:00    **Directorate for Engineering Report**  
Dawn Tilbury, Assistant Director for Engineering
- 12:00-12:15    **NSF Budget Update**  
Caitlyn Fife, Division Director, NSF Budget Division
- 12:15-12:45    **NSF Strategic Plan**  
Stephen Meacham, Section Head for Integrative Activities, NSF Office of Integrative Activities  
Jennifer Plozai, Chief of Public and Media Affairs, NSF Office of Legislative and Public Affairs
- 12:45-1:10     *Break*
- 1:10-1:55       **Report from Subcommittee on the SBIR/STTR Program**  
Mary Juhas, Liaison to Subcommittee on the SBIR/STTR Program  
Annette Finsterbusch, Chair, Subcommittee on the SBIR/STTR Program
- 1:55-2:00       **Vote on Acceptance of SBIR/STTR Program Subcommittee Report on COVID-19 Impacts**
- 2:00-2:15       **Division of Engineering Education and Centers (EEC) Overview**  
Don Millard, Acting Division Director, EEC
- 2:15-2:30       **EEC Committee of Visitors (COV) Report and Discussion**  
Lance Pérez, Dean, College of Engineering, and Omar H. Heins Professor of Electrical and Computer Engineering, University of Nebraska-Lincoln  
Darryll Pines, President and Glenn L. Martin Professor of Aerospace Engineering, University of Maryland
- 2:30-2:35       **Vote on Acceptance of EEC COV Report**
- 2:35-2:45       *Break*

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- 2:45-3:00 **Reports from Advisory Committee Liaisons**  
Tilak Agerwala, Advisory Committee on Cyberinfrastructure  
Gilda Barabino, Committee on Equal Opportunities in Science and Engineering  
Jeanne VanBriesen, Advisory Committee on Environmental Research and Education
- 3:00-3:45 **COVID-19 Response**  
Led by Robin Coger, ENG Advisory Committee Member
- 3:45-4:30 **Preparation for Discussion with the Director's Office**  
Led by Leah Jamieson, ENG Advisory Committee Co-Chair
- 4:30 *Meeting Ends for the Day*

**DAY 2 THURSDAY, APRIL 8, 2021**

- 11:00 *Meeting Resumes*
- 11:00-11:45 **ENG Research Addressing Climate Change: Clean Air, Clean Energy, Clean Manufacturing and Clean Communities**  
Richard Dickinson, Division Director, Chemical, Bioengineering, Environmental and Transport Systems (CBET)  
Robert Stone, Division Director, Civil, Mechanical and Manufacturing Innovation (CMMI)  
Shekhar Bhansali, Division Director, Electrical, Communications and Cyber Systems (ECCS)
- 11:45-12:15 **Grid-Connected Testing Infrastructure for Networked Control of Distributed Energy Resources (DERConnect)**  
Jan Kleissl, Professor, Department of Mechanical and Aerospace Engineering, University of California, San Diego
- 12:15-12:45 *Break*
- 12:45-1:30 **ENG Research Addressing Climate Change Breakouts**
- 1:30-1:55 **ENG Research Addressing Climate Change Research Discussion**  
Led by Jeanne VanBriesen, ENG Advisory Committee Member
- 1:55-2:15 **Preparation for Discussion with the Director's Office**  
Led by Sarah Rajala, ENG Advisory Committee Chair
- 2:15-2:30 *Break*

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- 2:30-3:00     **Perspective from the Director's Office**  
Sethuraman Panchanathan, NSF Director  
Fleming Crim, NSF Chief Operating Officer  
Brian Stone, NSF Chief of Staff
- 3:00-3:40     **Roundtable on Strategic Recommendations for ENG**  
Led by Sarah Rajala, ENG Advisory Committee Chair
- 3:40-4:00     **Recognition and Closing Remarks**  
Sarah Rajala, ENG Advisory Committee Chair  
Dawn Tilbury, Assistant Director for Engineering
- 4:00            *Meeting Adjourns*