



**DAY 1**                      **WEDNESDAY, OCTOBER 22, 2014**

11:30-12:15                *Registration and Light Refreshments*

12:15-12:30                **Welcome, Introductions, and Agenda**  
Patrick Farrell, ENG Advisory Committee Chair  
Pramod Khargonekar, Assistant Director for Engineering

12:30-1:00                 **The Federal Advanced Manufacturing Landscape**  
Michael Molnar, Director, NIST Advanced Manufacturing Program Office, and Director, Advanced Manufacturing National Program Office (AMNPO)

1:00-2:30                 **The Future of Advanced Manufacturing**  
Led by Bruce Kramer, ENG Division of Civil, Mechanical, and Manufacturing Innovation (CMMI)

Nanomanufacturing, Khershed Cooper, CMMI  
Cyber-enabled manufacturing, David Corman, Directorate for Computer and Information Science and Engineering (CISE)  
Advanced Materials, Alexis Lewis, CMMI  
Biomanufacturing and synthetic biology, Keith Roper, ENG Division of Engineering Education and Centers  
Manufacturing commercialization, Rajesh Mehta, ENG Division of Industrial Innovation and Partnerships

2:30-2:45                 *Break*

2:45-3:45                 **Directorate for Engineering Update**  
Pramod Khargonekar, Assistant Director for Engineering

3:45-4:15                 **Perspective from the White House Office of Science and Technology Policy (OSTP)**  
Thomas Kalil, Deputy Director for Policy, OSTP, and Senior Advisor for Science, Technology and Innovation, National Economic Council

4:15-4:30                 *Break*

4:30-5:30                 **Advanced Manufacturing Break-out Sessions**  
-Broadening Participation in Manufacturing, room 505  
-Factory of the Future and Cybermanufacturing, room 546

5:30-5:45                 **Reporting from Break-out Sessions**  
Led by Patrick Farrell, ENG Advisory Committee Chair

5:45-6:00                 **Preparation for Discussion with the Office of the Director**  
Led by Patrick Farrell, ENG Advisory Committee Chair

6:00                         *Adjourn for the day*



**DAY 2 THURSDAY, OCTOBER 23, 2014**

8:00-8:30 *Light Refreshments*

8:30-9:30 **Perspective from the Office of the Director**  
Richard Buckius, NSF Chief Operating Officer

9:30-10:30 **Planning for ENG AdCom Subcommittee Work**  
Led by Patrick Farrell, ENG Advisory Committee Chair

10:30-10:45 *Break*

10:45-11:45 **Overview, Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET)**  
JoAnn Lighty, CBET Division Director

11:45-12:15 **Roundtable on ENG Strategic Activities and Recommendations**  
Led by Patrick Farrell, ENG Advisory Committee Chair

12:15-12:30 **Closing Remarks and Wrap Up**  
Patrick Farrell, ENG Advisory Committee Chair  
Pramod Khargonekar, Assistant Director for Engineering

12:30 *Adjourn*