

NATIONAL ACADEMY OF ENGINEERING

2017 NATIONAL ACADEMY OF ENGINEERING GRAND CHALLENGES SCHOLARS PROGRAM ANNUAL MEETING

November 27-28, 2017
National Academy of Sciences Building
2101 Constitution Ave., NW, Washington, DC 20418

AGENDA

Monday, November 27th, 2017
National Academy of Sciences Building
Auditorium, Great Hall, and West Court

- 4:00 p.m. **Registration**
- 5:30 p.m. **Welcome and GCSP Vision**
- *C. D. Mote, Jr., President, National Academy of Engineering*
- 6:00 p.m. **Meeting Logistics**
- *Rama Ramakrishna, Director of GCSP Network, National Academy of Engineering*
- 6:10 p.m. **Reception**
- 8:00 p.m. **Adjourn**

Tuesday, November 28th, 2017
National Academy of Sciences Building
Auditorium

- 7:30 a.m. **Registration and Breakfast Available**
- 8:00 a.m. **Opening Remarks**
- *Yannis Yortsos, Chair, GCSP Council and Dean, Viterbi School of Engineering, University of Southern California*
 - *C. D. Mote, Jr., President, National Academy of Engineering*
 - *Dawn Tilbury, Assistant Director for Engineering, National Science Foundation*
- 8:30 a.m. **Keynote Address - Networks, Organizations and Leadership:**
- *Yannis Yortsos, Chair, GCSP Council and Dean, Viterbi School of Engineering, University of Southern California*
 - *Ori Braffman, Founder of Starfish Leadership, Distinguished Teaching Fellow at University of California, Berkeley's Haas School of Business, Senior Fellow at Coach K Leadership & Ethics Center (COLE) and co-Author "Starfish and the Spider"*

- 9.00 a.m. Purpose and Objectives of the 2017 Annual Meeting**
- *Yannis Yortsos, Chair, GCSP Council and Dean, Viterbi School of Engineering, University of Southern California*
 - *Rama Ramakrishna, Director of GCSP Network, National Academy of Engineering*
- 9:10 a.m. Four Stage Setting Presentations: Key Issues, Partnerships, Challenges and Opportunities**
- *Louis Martin Vega, Dean of Engineering, North Carolina State University*
 - *Megan Smith, Chief Technology Officer of the United States (2014–2017) and Vice President of New Business Development at Google (2003–2014)*
 - *Natacha DePaola, Dean of Engineering, Illinois Institute of Technology*
 - *Thor Misko, Director, Entrepreneurial Engineering Program, Kern Family Foundation*
- 10:10 a.m. Break**
- 10:30 a.m. Breakout Session**
- Group 1 – Board Room:** Synergy with Aligned Organizations and Industry
Group 2 – Member’s Room: Global Connections
Group 3 – Room 120: Best Practices, Lessons Learned, Overcoming Institutional Challenges
Group 4 – Room 125: Building a Community and Growing a Movement
- 11:10 a.m. Breakout Session**
- Group 1 – Board Room:** Global Connections
Group 2 – Member’s Room: Best Practices, Lessons Learned, Overcoming Institutional Challenges
Group 3 – Room 120: Building a Community and Growing a Movement
Group 4 – Room 125: Synergy with Aligned Organizations and Industry
- 11:50 a.m. Breakout Session**
- Group 1 – Board Room:** Best Practices, Lessons Learned, Overcoming Institutional Challenges
Group 2 – Member’s Room: Building a Community and Growing a Movement
Group 3 – Room 120: Synergy with Aligned Organizations and Industry
Group 4 – Room 125: Global Connections
- 12:30 p.m. Lunch - Available in the Great Hall, please bring it with you to breakout rooms**
- 1:20 p.m. Breakout Session**
- Group 1 – Board Room:** Building a Community and Growing a Movement
Group 2 – Member’s Room: Synergy with Aligned Organizations and Industry
Group 3 – Room 120: Global Connections
Group 4 – Room 125: Best Practices, Lessons Learned, Overcoming Institutional Challenges
- 2:00 p.m. Break and Poster Session**
Facilitators and rapporteurs prepare presentation for report-back
- 3:15 p.m. Report from Breakout Sessions**
- 4:30 p.m. Next Steps and Wrap-up**
- 5:00 p.m. Adjourn**