



2018 Engineering Deans Institute (EDI)

The Roosevelt New Orleans Hotel
New Orleans, LA
April 8-11, 2018

PROGRAM

SUNDAY, APRIL 8, 2018

11:00 a.m. – 3:00 p.m. EDI Registration

11:30 a.m. – 1:30 p.m. EDC Executive Board Meeting (**Invitation Only**)

12:00 p.m. - 1:30 p.m. Undergraduate-Focused Engineering Deans Group Meeting (**Ticketed event/ no additional fee***)
This meeting is open to all deans who register for EDI 2018 and who “pre-register” * (registration is on a first come, first served basis – 25 seats are available).

For more details, please follow the [LINK](#).

** To register, please log in to your ASEE account and in your registration for EDI conference choose the event “Undergraduate-Focused Engineering Deans Group Meeting” and add a ticket (if at that time the registration is still open based on availability).*

Organizers:

JB Holston, *Dean of Engineering, University of Denver*
Patrick Mather, *Dean of Engineering, Bucknell University*

1:30 p.m. – 2:30 a.m. EDC Public Policy Committee Meeting (**Invitation Only**)

2:30 p.m. – 4:30 p.m. New Deans’ Forum

Coordinators and Moderators:

Molly M. Gribb, *Dean of Engineering, Mathematics and Science, University of Wisconsin-Platteville*
Jeff L. Ray, *Dean of Engineering and Technology, Western Carolina University*

Facilitators: TBA

4:00 p.m. – 5:30 p.m. Data Collection Committee Meeting (**Invitation Only**)

5:30 p.m. – 6:00 p.m. Transportation from The Roosevelt Hotel to The National WWII Museum



6:00 p.m. – 8:00 p.m. Welcome Reception
The National WWII Museum
 Address: 945 Magazine Street, New Orleans, LA 70130

Welcome by
 Nicholas J. Altiero, *(Former) Dean of Engineering, Tulane University, 2018 EDI Co-Chair*

8:00 p.m. Transportation to The Roosevelt Hotel

MONDAY, APRIL 9, 2018

Sponsor display tables are available during *Refreshment and Networking Breaks*

7:00 a.m. – 5:00 p.m. EDI Registration

7:30 a.m. – 9:00 a.m. Breakfast, Welcome, and Keynote Address

Welcome by
 Gregory Washington, *Dean of Engineering, University of California, Irvine, EDC Chair*
 Nicholas J. Altiero, *(Former) Dean of Engineering, Tulane University, 2018 EDI Co-Chair*

Keynote Speaker: TBA

9:00 a.m. – 10:15 a.m. Initial Session: Flood Protection* | **followed by Cool Ideas – Lightning Round (Part 1)**

Coordinator:
 Ehab Meselhe, *VP for Engineering, The Water Institute of the Gulf*

Moderator:
 Mark E. Zappi, *Dean of Engineering, University of Louisiana, Lafayette*

Panel Participants:
 Emad Habib, *Professor of Civil Engineering, University of Louisiana at Lafayette*
 Ignacio Harrouch, *Chief of Operations, Coastal Protection and Restoration Authority*
 Robert Turner, *Regional Director, Southeast Louisiana Flood Protection Authority – East*

** we organize this session in relation to one of the tours presented to attendees on Wednesday – please see the program on Wednesday for details on a tour*

Cool Ideas – Lightning Round (Part 1)
 Coordinator and Moderator:
 Larry A. Stauffer, *Dean of Engineering, University of Idaho*

Panel Participants: TBA

10:15 a.m. – 11:00 a.m. Refreshment and Networking Break
 Sponsored by Virginia Commonwealth University, Engineering

11:00 a.m. – 12:30 p.m.

2nd Session/Panel: Educating the Engineer of 2020: Best Practices

Fourteen years have elapsed since the National Academy of Engineering published *The Engineer of 2020: Visions of Engineering in the New Century* in 2004. The last cohort of engineering undergraduate students who will graduate in 2020 began in 2016. How much progress have engineering colleges around the country achieved toward fulfilling the vision espoused by the NAE? Five panelists will describe exemplary practices around the country toward educating the Engineer of 2020.

Coordinators and Moderators:

Ron Harichandran, *Dean of Engineering, University of New Haven*

Ron Welch, *Dean of Engineering, The Citadel*

Panel Participants: TBA

12:30 p.m. – 2:00 p.m.

Luncheon and Keynote Address
Sponsored by Dassault Systèmes

2:00 p.m. – 3:30 p.m.

3rd Session: Diversity
Sponsored by Colorado School of Mines
Coordinators and Moderators:

Emily L. Allen, *Dean of Engineering, California State University, Los Angeles*

Patrick T. Mather, *Dean of Engineering, Bucknell University*

Panel Participants: TBA

3:30 p.m. – 4:30 p.m.

Refreshment and Networking Break

4:30 p.m. – 6:00 p.m.

4th Session: P12 and Outreach | followed by Cool Ideas – Lightning Round (Part 2)
Coordinators:

Hisham Hegab, *Dean of Engineering, Louisiana Tech University*

Jean May-Brett, *STEM Partnership Coordinator, Louisiana Department of Education (ret.)*

Stacy Klein-Gardner, *Associate Dean, Vanderbilt University, Director of the Center for STEM Education*

Darryll Pines, *Dean of Engineering, University of Maryland, College Park*

Moderator:

Hisham Hegab, *Dean of Engineering, Louisiana Tech University*

Panel Participants: TBA

Cool Ideas – Lightning Round (Part 2)**Coordinator and Moderator:**

Larry A. Stauffer, *Dean of Engineering, University of Idaho*

Panel Participants: TBA

7:00 p.m. – 7:30 p.m.

EDI Reception
Sponsored by Oregon State University, Boeing, MathWorks, University of Miami
Speaker (OSU): TBA

7:30 p.m. – 9:00 p.m.

Banquet
Sponsored by Louisiana State University

TUESDAY, APRIL 10, 2018

Sponsor display tables are available during *Refreshment and Networking Breaks*



7:30 a.m. – 5:00 p.m. EDI Registration

7:30 a.m. – 8:30 a.m. Breakfast and Keynote Address
Sponsored by University of Florida

Keynote Speaker: TBA

8:30 a.m. – 9:45 a.m. 5th Session: The Mars Mission** | followed by Cool Ideas – Lightning Round (Part 3)

Coordinator and Moderator:

Emir J. Macari, *Dean of Engineering, University of New Orleans*

Panel Participants: TBA

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Cool Ideas – Lightning Round (Part 3)

Coordinator and Moderator:

Larry A. Stauffer, *Dean of Engineering, University of Idaho*

Panel Participants: TBA

9:45 a.m. – 10:30 a.m. Refreshment and Networking Break
Sponsored by West Virginia University

10:30 a.m. – 11:30 a.m. 6th Session: ABET

Coordinators and Presenters:

Jeff L. Ray, *Dean of Engineering and Technology, Western Carolina University*

Joe Sussman, *Chief Accreditation Officer, Chief Information Officer, ABET*

11:30 a.m. – 12:30 p.m. EDC Business Meeting

12:30 p.m. – 2:00 p.m. Luncheon and Keynote Address
Sponsored by Samueli Foundation

Keynote Speaker:

Gerald R. Solomon, *Executive Director, Samueli Foundation*

2:00 p.m. – 3:30 p.m. 7th Session: Corporate Member Council (CMC) Session | followed by Cool Ideas – Lightning Round (Part 4)

Preparing Engineering Students for Employment with New Credential Models

This session will explore new credentialing and analysis models and discuss methods to advance personalized learning in an emergent knowledge economy. Industry panelists will speak to the connection between technology, courseware and employer-ready credentials.

Coordinator and Moderator:

Cynthia Murphy-Ortega, *Manager, University Partnerships and Association Relations, Chevron Corporation*

Panel Participants:

Mark Cousino, *Director of Learning Strategy, Design, and Technology, The Boeing Company*

Dave Wilson, *Vice President, Product Marketing for Software, Academics and Customer Education, National Instruments*

Cool Ideas – Lightning Round (Part 4)**Coordinator and Moderator:**

Larry A. Stauffer, *Dean of Engineering, University of Idaho*

Panel Participants: TBA

3:30 p.m. – 4:30 p.m.

Refreshment and Networking Break
Sponsored by Northrop Grumman

4:30 p.m. – 6:00 p.m.

Parallel Sessions

1. Mentoring Connections

Sponsored by Valparaiso University

Organizer:

Gregory Washington, *Dean of Engineering, University of California, Irvine*

**2. Women Deans Networking Meeting**

Sponsored by University of Virginia

All are welcome to take this opportunity to network with women engineering deans over this meeting.

Organizers:

Gilda A. Barabino, *Dean of Engineering, The City College of New York*

Molly M. Gribb, *Dean of Engineering, Mathematics and Science, University of Wisconsin-Platteville*

3. Challenging Issues on Campus**Organizers:**

John Steadman, *Dean of Engineering, University of South Alabama*

Gregory Washington, *Dean of Engineering, University of California, Irvine*

7:00 p.m. – 8:30 p.m.

Closing Reception

Closing Remarks by

Gilda A. Barabino, *Dean of Engineering, The City College of New York, 2018 EDI Co-Chair*



WEDNESDAY, APRIL 11, 2018

We are pleased to present to attendees two events at the conclusion of EDI (you will need to choose one event and register for it)*:

❖ **Flood Protection Tour 8:00 am – 12:00 pm**

This tour is open to all deans who register for EDI 2018 and who “pre-register” - see below (registration is on a first come, first served basis – **30 seats are available**).

We will visit the Lake Bourgne Surge Barrier and the 17th Street Canal Pump Station. These are components of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) that was put in place after Katrina to protect the city of New Orleans and surrounding communities. It includes: levees, surge barriers and pump stations.

Note: On the day of the tour, please bring ID with you.

To register, please log in to your ASEE account and in your registration for EDI conference choose the event “Flood Protection Tour” and add a ticket (if at that time the registration is still open based on availability). We will announce the details of the Flood Protection Tour closer to the event.

Coordinator:

Mark E. Zappi, *Dean of Engineering, University of Louisiana, Lafayette*

Organizer:

Ehab Meselhe, *VP for Engineering, The Water Institute of the Gulf*

❖ **Michoud Assembly Facility Tour | NASA 8:00 a.m. – 1:00 p.m.**

This tour is open to all deans who register for EDI 2018 and who “pre-register” – see below (registration is on a first come, first served basis – **30 seats are available**).

Note: Participants have to be citizens or permanent residents of the USA and have to send to organizer (Emir Macari at emacari@uno.edu) a copy of their driver’s license **by Monday, March 5, 2018**.

To register, please log in to your ASEE account and in your registration for EDI conference choose the event “Michoud Assembly Facility Tour” and add a ticket (if at that time the registration is still open based on availability). We will announce the details of the Michoud Assembly Facility Tour closer to the event.

Organizer:

Emir J. Macari, *Dean of Engineering, University of New Orleans*

