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## DRAFT AGENDA BOARD OF GOVERNORS

**Day & Time: Monday, March 20, 2017 4:15 PM- 5:30 PM**

**Location: Four Seasons Las Vegas Hotel  
Las Vegas, Nevada**

### 1. Opening of the Meeting (5 minutes)

1.1. Call to Order

1.2. Adoption of the Agenda

1.3. Announcements

1.4. Consent Items for Action

ACTION

1.4.1. Identification of items to be removed from Consent Items

Consent Items for Action are items the Board is asked to take action on as a group. Governors are encouraged to contact ASME Headquarters with their questions prior to the meeting as it is not expected that consent items be removed from the agenda.

1.4.2. Approval of Minutes from Meeting on February 1, 2017

1.4.3. Proposed Appointments  
(Agenda Appendix 1.4.3)

1.5. Report on February 1, 2017 Closed Session (2 minutes)  
Keith Roe

INFORMATION

### 2. Agenda Items

2.1. President's Remarks (10 minutes)  
Keith Roe

DISCUSSION

2.2. Executive Director's Remarks (10 minutes)  
Tom Loughlin

DISCUSSION

### 3. Closed Session

3.1. Discussion from EDESC (30 minutes)  
Julio Guerrero

DISCUSSION

### 4. New Business – Placeholder

Task Force Chairs' Motions (15 minutes)

Terry Shoup, Stacey Swisher Harnetty, John Goossen, Bill Wepfer, Rick Marboe

**2016-2017 Board of Governors-Agenda**  
**March 20, 2017**  
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**5. Information Items**

- 5.1. Sector Management Committee Report  
(Agenda Appendix 5.1)

**6. Adjournment**

**List of Appendices**

- 1.4.3 Proposed Appointments  
5.1 Sector Management Committee Report

**Dates of Future Meetings**

<b>DATE</b>	<b>DAY</b>	<b>TIME</b>	<b>LOCATION</b>
April 20, 2017 (a)	Thursday	8:00 AM – 5:00 PM	New York, NY
April 21, 2017 (a)	Friday	8:00 AM – 4:00 PM	New York, NY
June 11, 2017 (a)	Sunday	8:30 AM – 4:30 PM	Newport Beach, CA
June 14, 2017 (b)	Wednesday	10:00 AM – 3:00 PM	Newport Beach, CA

(a) 2016-2017 Board of Governors (b) 2017-2018 Board of Governors

BOG Retreat will take place July 11-15, 2017 in Coeur d' Alene, Idaho.

**ASME Board of Governors  
Agenda Item  
Cover Memo**

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**Date Submitted: March 1, 2017**  
**BOG Meeting Date: March 20, 2017**

**To: Board of Governors**  
**From: (Sector/Unit/Task Force/Other) Committee on Organization and Rules**  
**Presented by: Larry Dickinson**  
**Agenda Title: Proposed Appointment**

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**Agenda Item Executive Summary: (Do not exceed the space provided)**

**Proposed appointments reviewed by the Committee on Organization and Rules on January 26 and March 1, 2017.**

**Proposed motion for BOG Action: (if appropriate)**

Approved the proposed appointments.

**Attachments:**

Appointment listing.

**MARCH 2017  
PROPOSED APPOINTMENTS**

<b>External Unit</b>	<b>Nominee</b>	<b>Appointment Position/Title</b>	<b>Appointment Term/Category</b>	<b>Appointment Type</b>	<b>History</b>
Daniel Guggenheim Board of Award	George Lesieutre	ASME Representative	10/2016-9/2019	Reappointment	Current: Guggenheim Board
Daniel Guggenheim Board of Award	George Kardomateas	ASME Representative	10/2016-9/2019	Initial	Past: Chair of the Applied Mechanics Division Composites Committee
National Inventors Hall of Fame	Marco Ceccarelli	ASME Representative	1/1/2017-12/31/2020	Initial	Current: History and Heritage Committee
Offshore Technology Conference Board of Directors	Doreen Chin	ASME Representative	7/2017-6/2021	Initial	Current: Nominating Committee

**ASME Board of Governors  
Agenda Item  
Cover Memo**

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**Date Submitted: February 28, 2017  
BOG Meeting Date: March 19-20  
To: Board of Governors  
From: Sector Management Committee**

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**Agenda Item Executive Summary:**

**The report updates the BOG on Sector, GPS/GETT and VOLT related activities and is for information only.**

**Proposed motion for BOG Action: *(if appropriate)***

**No Action**

**Attachments:  
One**

**Sector Management Committee (SMC)  
Report to the Board of Governors  
February 27, 2017**

## **I. SMC Operations**

- Laura Hitchcock began her term as SMC Vice Chair on January 1, 2017.
- The SMC has been discussing and reviewing recommendations from the Group Engagement & Alignment Task Force.
- The Volunteer Orientation Leadership Training Academy (VOLT) has proposed a plan for Communications training within ASME. The SMC endorsed the activity. VOLT is proceeding with an RFP to outside vendors, and reviewing available budget options for FY'17 and FY'18.

## **II. Sector Highlights**

*Standards & Certification – Laura Hitchcock, Bill Berger*

### Quarterly Highlights

- The Council on Standards and Certification last met on November 14, 2016 and will be meeting via web conference on March 2.
- The Council received final reports and recommendations from the four strategy Task Teams appointed to facilitate implementation of portions of the S&C Strategic Plan [International Working Groups, Derivative (or Companion) Products, Benchmarking Other SDO's (in how they identify standards opportunities for emerging technologies in their areas), and Committee Best Practices]. The Council approved some of the recommendations that can be implemented immediately, and requested some additional work on other recommendations.
- The Council approved a recommendation to establish a new Standards Committee on Manufacturing and Advanced Manufacturing.
- Although ASME was not a direct participant, a significant decision that will impact all standards developers was reached in the copyright and trademark infringement case of ASTM, NFPA, and ASHRAE vs. PublicResource.org. The United States District Court for the District of Columbia issued a ruling granting the ASTM Plaintiffs' motion for summary judgement and denying PublicResource's cross motion for summary judgment. The Defendant was permanently enjoined from all unauthorized use, including through reproduction, display, distribution, or creation of derivative works, of the SDO's standards that Defendant had posted to its web site. This is a positive development for SDO's.
- S&C held a workshop in Buenos Aires, Argentina for industry, government, and academia on ASME Nuclear, Quality, and Conformity Assessment. Between 80-90 registrants participated in the workshop. This event was followed by meetings of the newly established Argentina International Working Groups (IWGs) for Boiler and Pressure Vessel Committees III and XI. The BPV III Argentina IWG roster indicates 44 non-staff members. The BPV XI Argentina IWG indicates 25 non-staff members.

- S&C worked with Youngstown State University / Youngstown Business Incubator / America Makes to partner on responding to a Broad Area Announcement (BAA) solicitation for the Defense Logistics Agency (DLA). The proposal is for a three-year period with four castings demonstration projects each year. The projects will identify advances in AM-enabled processes, materials and analyses to solve specific DLA supply chain challenges and provide benchmarks for comparison with traditional casting methods. No word yet on whether the proposal was accepted.
- At its March 2 web conference, the Council will consider the recommendations of its Committee on Nominations for Council members-at-large and Council Vice Chairs, for terms of June 2017 thru June 2020.

#### Upcoming Activities/What's on the Horizon?

- Subsequent to its March 2 web conference, Council membership actions will be submitted for Board of Governors (BOG) approval.

#### *Technical Events and Content (TEC) Rick Marboe, John Koehr*

- Technical Events and Content (TEC) Council
  - TEC Council held a face-to-face meeting on November 13, 2016, concurrent with the ASME IMECE in Phoenix, AZ.
  - The Council approved a recommend to form the IGTI Division, which was subsequently approved by SMC on 11/15/2016.
  - SLT and conference activity is described below for each segment.
- Design, Materials, and Manufacturing (DMM) Segment
  - DMM has been identifying new leadership and members for DMM since the Chair of the DMM will retire from his post on June 30, 2017.
  - The DMM Chair, Amip Shah, Ph.D., Director of IoT Research for HPE, participated in the ASME HQ NYC Enabling Technologies TAP in January 2017.
  - The Dynamic Systems and Control Conference took place October 12-14, 2016 in Minneapolis, Minnesota.
  - DMM held a face-to-face meeting at IMECE in Phoenix, Arizona, Saturday November 12, 2016.
- Energy Sources and Processing (ESP) Segment
  - Technology Advancement & Business Development (TABD - Cleri) continues to liaise with ESP Segment.
  - TABD (Cleri & Andrei) working with ESP Segment for business development.
  - ESP Segment and Petroleum Division working with TABD for feedback on the Energy Technology Center business development opportunity.
  - ESP Segment and Pipeline Systems Division working with TABD on the POMME business development opportunity.
  - TABD working with PVP, PSD, and PD Divisions to develop Ideation Workshops during upcoming ExCom meetings to increase volunteer interaction in business development as well as gain market insight.
- Energy Conversion and Storage (ECS) Segment

- TABD (Cleri) continues to liaise with ECS Segment.
- SLT Working Groups (WG) of volunteers and staff that had been organized by sub-technologies to focus on potential new business development initiatives continue to work together and have been identifying/advancing some business development opportunities.
- TABD (Cleri & Bendo) working with ECS Segment for business development.
- ECS Segment working with TABD for feedback on the Energy Technology Center business development opportunity.
- TABD working with Power, NED, and other Divisions to develop Ideation Workshops during upcoming ExCom meetings to increase volunteer interaction in business development as well as gain market insight. NED Ideation Workshop already held in ASME NYC office – very successful.
- Next ECS SLT meeting to be held April 2017 in Washington, D.C.
- Power Division Executive Committee meeting and technical committee meetings held in conjunction with POWERGEN, December 12 & December 13
- Heat Exchangers Technical Committee held a networking reception to attract new members to the committee
- Internal Combustion Engine Division Winter Executive Committee meeting held January 21 in Chicago at the O'Hare Hilton
- Nuclear Division Executive Committee meeting held February 6/7 at NY Headquarters.
- Gas Turbine Segment (GTS)
  - Senior Manager hired for GTS December 2017.
  - TABD (Cleri) transitioned off as GTS liaison, but TABD (Cleri) will continue to work with GTS for business development.
  - GTS working with TABD for feedback on the Energy Technology Center business development opportunity and other possible events (e.g., gas turbine user group conference).
  - Next GTS SLT meeting to be held March 2017 in Germany.
  - ASME Gas Turbine India Student Seminars
    - The ASME IGTI Student Seminar series consists of four seminars. One per geographic region (North, South, East and West regions). Student Seminars cover the following content:
      - Gas Turbine Technology
      - Gas Turbine Research/Industrial Perspectives
      - Career Guidance Sessions and Competitions
    - They were held on the following dates:
      - September 25, 2016 at VIT University in Vellore, India
      - October 23, 2016 at National Institute of Technology in Rourkela, India
      - November 7, 2016 at Amity School of Engineering in Noida, India
      - November 22, 2016 at NIRMA University in Gota, India
  - ASME Gas Turbine Segment Meetings
    - October, 2016



- December, 2016
  - New Senior Manager of Segment Operations, Angelique Vesey, started December 2016
  - GTS SLT Began work on a strategic plan for the segment
- Exhibits
  - September, 2016 IGTI exhibited at the Texas A&M University Turbomachinery & Pump Symposia to market IGTI events and products
- Student Advisory Committee
  - The 4-member committee meets monthly to discuss the following:
  - Plan student events
  - represents students before the ASME IGTI Gas Turbine Segment
  - Seeks and encourages student participation in the IGTI technical committees
- Engineering Sciences Segment (ESS)
  - IMECE 2016 held November 2016 in Phoenix.
  - F2F meetings held at IMECE, November 12, in Phoenix, and at the Microproducts Annual Meeting (mAm), February 4 & 5 in Switzerland. (mAm was organized by ASME collaborator MANCEF.) Frequent telecons have been held.
  - ESS continues to work with liaisons from select technical divisions to facilitate a two-way information exchange.

#### Upcoming Activities/What's on the Horizon?

- TEC Council
  - Next TEC Council meeting will be via webconference March 3, 2017
  - A face-to-face TEC Council meeting is scheduled for June 10, 2017 in Newport Beach, CA, concurrent with the ASME Annual Meeting.
- Design, Materials, and Manufacturing (DMM) Segment
  - DMM is planning a teleconference with all Divisions that program within DMM including Design Engineering, Dynamics Systems and Controls, Manufacturing Engineering, MEMS, EPPD, Aerospace's ASMS Technical Committee, CIE, Rail, ISPS, NDPD, Plant, and MHED on Thursday February 16, 2017 to share an update on DMM activities, goals and to improve communications with the Divisions.
  - A DMM Segment Leadership Team face to face meeting is planned for April 15, 2017 in Washington DC.
  - The Rail Transportation Division annual Joint Rail Conference is scheduled for April 4-7, 2017 at the Doubletree Philadelphia City Center.
  - The Manufacturing Engineering Division is scheduled to hold its annual MSEC conference at the University of Southern California in Los Angeles, California, June 4-8, 2017
  - The Design Engineering and CIE Divisions will hold their annual IDETC/CIE conference in Cleveland, Ohio, August 6-9, 2017
  - The Dynamic Systems and Control Division will hold its annual conference in Tysons Corner, Virginia, October 11-13, 2017
- Energy Sources and Processing (ESP) Segment

- Offshore Technology Conference (OTC) 2017, Houston, Texas, U.S., April 2017
- Ocean, Marine, and Arctic Engineering (OMAE) 2017 Conference, Trondheim, Norway, June 2017.
- The Pipeline Systems Division Annual meeting will be held in Santa Fe, NM on March 22-25.
- The India Oil & Gas Pipeline Conference will take place in Mumbai, India from April 20-22.
- The International Pipeline Geotechnical Conference will take place in Lima, Peru from July 24-26.
- Energy Conversion and Storage (ECS) Segment
  - P&E 2017 Conference (co-located with Turbo Expo Conference and ICOPE Conference, Charlotte, North Carolina, U.S., June 2017
- Gas Turbine Segment (GTS)
  - Turbo Expo 2017 Conference (co-located with P&E 2017 Conference and ICOPE Conference, Charlotte, North Carolina, U.S., June 2017
  - Mini- Talks at Turbo Expo
  - Student Competition at Turbo Expo
  - Additive Manufacturing Day at Turbo Expo – common initiative between GTS and DMM segments
- Engineering Sciences Segment (ESS)
  - Planning for the following ESS conferences are underway and on target for execution:
    - 2016 IMECE, November, Phoenix
    - 2017 Fluids Engineering Division Conference, July 30-August 4 in Waikoloa, HI. Fluids 2018 is under consideration by ESS.
    - 2017 Summer Heat Transfer Conference, July 9-14 in Bellevue, WA.
    - 2017 IMECE, November, Tampa, FL

## Programs

*Public Affairs & Outreach – Tim Wei, Melissa Carl*

*Cross-cutting Initiatives*

*Engineering for Global Development (EGD)/ Engineering for Change (E4C)*

## Quarterly Highlights

- ISHOW Global – Closeout of 2016 campaign was a success and launch of 2017 campaign is underway. ISHOW is open for applications until March 15. Expansion of ISHOW's partner network to provide access to manufacturing/investor networks for ISHOW contestants is being explored.
- DEMAND ASME Global Development Review – High level contributors, including GE Healthcare, World Bank, USAID, MIT, Berkeley and Autodesk, continue to provide quality content. A special edition issue for USAID/MIT TechCon was released in

November. DEMAND has increased its audience engagement with 2500 Twitter followers and 12,000 page views on the DEMAND website.

- EGD Research – Videos from the EGD Research Forum at IDETC have been posted to .ORG.
- EGD Committee – Sponsorship prospectus for EGD’s portfolio is being finalized to help make the entire portfolio self-sustainable
- E4C site traffic continues to grow, led by E4C News, Solutions Library, Opportunities portal, with a spike for our new course offering – Introduction to EGD. The YTD site traffic as of this quarter has now exceeded the FY16 total.
- E4C secured [Yamaha Motor Ventures & Laboratory Silicon Valley \(YMVSV\)](#) as a new sponsor. YMVSV exists to accelerate the efforts of teams driving disruptive change.

#### Upcoming Activities/What’s on the Horizon?

- ISHOW Global – Events scheduled: Bangalore, India, April 27; Nairobi, Kenya, May 25; DC, June 22.
- DEMAND, ASME Global Development Review – On track for four issues in 2017 as we switch to a quarterly format. First issue will be released in March.
- EGD Research – Strategy and recruitment for the fifth anniversary EGD Research Forum is underway.

#### *K12/Diversity/Scholarships*

#### Quarterly Highlights

- As of February 6th, there are over 17K students from 428 schools (247 middle/181 high school) on the INSPIRE platform being led by 461 teachers across 43 states – more than twice as many schools this same time last year. We are at 43% of our target goal of engaging 1,000 schools in academic year 2016/2017.
- Submissions are complete for the Future Engineers’ Mars Medical Challenge, with a record 737 received from K-12 innovators. Ten semi-finalists will be announced on February 28th.

#### Upcoming Activities/What’s on the Horizon?

- INSPIRE school site visits are being scheduled in late spring for NYC, Charlotte, Houston, and the DC –metro area. For the second year, ASME INSPIRE and members from the Petroleum Division will support the “When I Grow Up” Career Fair sponsored by the Houston ISD on April 22<sup>nd</sup>.
- In celebration of Engineers Week, ASME will be participating in the Discover Engineering Family Day (DEFD) on Saturday, Feb. 18th, at the National Building Museum in Washington, DC. Nearly 10,000 K-12 students are expected to participate in hands-on, activities that celebrate the E in STEM.

## *Engineering Education*

### Quarterly Highlights

- Engineering Education Awardees (Church Medal: Dr. Francis A. Kulacki, University of Minnesota and Sparks Medal: Dr. Steven Beyerlein, University of Idaho) were selected.
- Vision 2030 advocacy strategy and role in ABET was featured at Colombian Association of Engineering Faculty Conference, October 4-7, Cartagena, Colombia and Pan American Union of Engineering Societies held October 24-26 in Panama.
- Fall ABET Board of Delegates & Directors/ Society Liaison meetings held October 27-29, Baltimore, MD.
- Engineering Education meetings and forums for ME/MET department heads at the 2016 IMECE in Phoenix, AZ.
- ASME/ WEPAN - Transforming Engineering Culture to Advance Inclusion and Diversity (TECAID): Retrieval Conference, February 10-12, 2017, Phoenix, AZ, working on dissemination materials for end of grant.

### Upcoming Activities/What's on the Horizon?

- Five (5) ASME 2017-2018 Graduate Teaching Fellowships to be awarded by May 2017, anticipating four (4) second year renewals and one (1) new Fellow to be determined.
- ASME/NIST Standards Education Infusion Workshop at Washington University March 10-11, 2017 in St Louis, MO.
- Spring ABET Board of Delegates & Directors meetings, April 1-2, 2017 Baltimore, MD.
- 2017 Summit Int'l ME Ed Leadership (MEED) Washington DC, April 18-20, 2017. General co-chairs are from George Mason University. Ken Ball, Dean of Engineering and Oscar Barton, Chair of ME Dept.

## *Government Relations (GR)*

### Quarterly Highlights

- ASME held a Congressional Briefing on "Advanced Robotics in Manufacturing" (December 13). Moderating the panel was Chuck Thorpe, Senior Vice President and Provost of Clarkson University and Co-Chair of the ASME Robotics Public Policy Task Force. The four panelists included: Howie Choset, Carnegie Mellon University, Professor of Robotics; Medrobotics, Inc., Co-Founder; Larry Sweet, Georgia Institute of Technology, IRIM Associate Director of Technology Transition and Professor of the Practice in Robotics; Erik Nieves, PlusOne Robotics, Founder and CEO; and Michael Dudzik, IQM President.
- GR held a December 7th webinar that highlighted a current and former Fellow, Dr. Noël Bakhtian and Dr. Said Jahanmir, who provided their personal perspectives on their accomplishments and challenges while serving as an ASME Fellow in the Executive and Legislative Branch. Sign in with email address and password to hear recorded webinar at: <https://shop.asme.org/Registrations/Account/Login?ReturnUrl=%2FRegistrations%2FCustomer%2FInitRegistration%3FConferenceCode%3DFNDWEB2016-2>
- ASME's 2016 WISE interns, Brenna Doherty and Emily Sheffield, attended IMECE 2016, and presented their policy papers to the Committee on Government Relations. Their papers were on planetary defense and imaging the image of manufacturing respectively.

- ASME’s robotics and bioengineering public policy task forces began meeting to discuss policy priorities related to these topics aligned with ASME’s technology strategy areas.
- The ASME Manufacturing Public Policy task force updated ASME’s general position paper on advanced manufacturing entitled, “Strengthening the U.S. Manufacturing Sector,” which can be found at: <https://www.asme.org/about-asme/participate/advocacy-government-relations/policy-publications/position-statements>. The ASME Board of Governors approved the statement at its November meeting, and it was officially released as an ASME general position paper in January of 2017.

#### Upcoming Activities/What’s on the Horizon?

- Engineering Public Policy Symposium, 44 engineering society co-sponsors, April 25, 2017.
- An advanced manufacturing-related Congressional briefing is slated to be held on April 26, 2017 post-Symposium.

#### *Industry Advisory Board (IAB)*

#### Quarterly Highlights

- The IAB fall meeting was held December 12-13, 2016 in Washington, DC. The December 12<sup>th</sup> reception took place at the Decatur House, and the December 13<sup>th</sup> meeting was held at the Hay Adams. The topic was on energy policy, manufacturing and research and development priorities for the new President’s administration.
- The IAB Executive Committee met via conference call to plan the spring meeting, which will focus on how private equity and the capital markets can help shape the development of engineering initiatives in the areas of robotics and energy.

#### Upcoming Activities/What’s on the Horizon?

- The IAB spring meeting will be held May 4-5 in New York, NY. The May 4<sup>th</sup> reception and dinner is TBD, and the May 5<sup>th</sup> meeting will take place at ASME headquarters.

#### *Student & Early Career Development (SECD) – Paul Stevenson, Brandy Smith*

#### Quarterly Highlights

#### Programmatic / Operational Activities

#### *SECD Sector*

SECD council is reviewing its processes, communication plan and success metrics as part of the implementation of its strategic plan. The Council held a face-to-face meeting at IMECE in Phoenix.

## *Student Programs*

### Quarterly Highlights

#### E-Fests

- Plans are in full swing for the 2017 ASME E-Fests. ASME staff continues to collaborate with the E-Fest steering committee and E-Fest host schools on programming, logistics, marketing and outreach. The Student Programming Committee (SPC) and Community Development Team (CDT) as well as the E-Fest Steering Committee engaged in a special outreach effort to sections, section advisors and ME Dept. Heads to promote the upcoming programs.
- Aggressive marketing campaigns have been rolled out in support of E-Fests including advance signage at UNLV and TTU, plus a special promotion/incentive for students who bring in 15 or more students from the same school.
- E-Fests have secured a number of sponsors to support the events including Siemens PLM, ANSYS, Eastman, Denso, Altair/Solid Thinking, Maplesoft and AutoDesk.
- The ASME BOG have been invited to participate at E-Fest West and planning is underway for the March event in Las Vegas.

#### Student Competitions

- Human Powered Vehicle Competitions (HPVC) - Three HPVC events will be held in conjunction with the 2017 E-Fest events: Asia Pacific (Mar 3-5) 40 teams; West/UNLV (Mar 17-19) 25 teams; and East/TTU (Apr 21-23) 44 teams. Media/promotion efforts include imbedding a reporter with one of the HPVC teams and filming a video/interviews for future PR use.
- IAM3D - The IAM3D competition is scheduled to be held at all three festivals, culminating with the finals at the August 2017 IDETC in Cleveland, Ohio.
- Student Design Competition, Old Guard - Both competitions will be held at all E-Fest events, with the Student Design Competition featuring a robotic pentathlon and Old Guard offering both a poster and technical presentation. Team solicitation are still open for both.

### Upcoming Activities/What's on the Horizon?

- The E-Fest application has been re-done to capture many of the lessons learned from the FY'17 cycle. Similarly, an EFX application has been created and is under review. The goal is to have both applications completed before E-Fest West and disseminated for schools to apply.
- Plans for E-Fests and EFX for FY'18 include: E-Fest East, E-Fest West, E-Fest Asia Pacific, E-Fest South America, E-Fest Middle East/North Africa and one pilot EFX.

## *Early Career Programs*

### Quarterly Highlights

- FutureME Mini-Talks was held at the IMECE2016 conference attracting roughly 98 attendees, NPS 52%.

- Introduced a Q&A session immediately following the mini-talks where audience members had the opportunity to ask questions of the presenters and favorite others using a new online platform; Slido.
- The audience asked poll questions on career development topics intermittently; 20 questions were asked which got 60 likes.
- Mannequin Challenge conducted with attendees emphasizing networking, recorded and shared online
- Post-production is in the progress for the IMECE2016 Mini-Talks
  - Five transcripts reviewed by the content development lead and mini-talk team reducing the content down to key-take-aways (3-5 minute clips) to be posted on .ORG and YouTube.
- Program plans for P&E/ICOPE/TE2017 FutureME Mini-Talks are underway:
  - Developed an advertisement for online Turbo Expo Advanced Program
  - The team campaigned, interviewed and has successfully identified (4) four presenters and presenters matched with a coach to collaborate and hone talking points for the mini-talks
- Post-production of the FutureME Mini-Talks Program has been brought in-house; working directly with Technology Services the editorial process will produce our online videos to reduce program costs.
- FutureME Mini-Talks from PE-ICONE2016 released on .ORG and YouTube. The videos are: (1) Defining Disrupting and Changing Technologies through Codes and Standards, (2) Making a Gigaton of Difference, (3) Taking Ownership as a New Engineer.
- The ECE Programming Committee held a strategy meeting at IMECE2017 to discuss FutureME and Content Development
  - An ECEPC Content Development team has been established with a volunteer lead identified; discussions underway on planning and process development, sharing platform established for team to download/review documents and provide feedback
  - A content development process has been identified along with a planning calendar
  - The team is in the process of reviewing existing content to establish some short-term content goals

#### Upcoming Activities/What's on the Horizon?

- Finalize P&E/ICOPE/TE2017 FutureME Mini-Talks program details
- Finalize IMECE2016 FutureME Mini-Talks with Technology Services to release (4) four mini-talks plus (8) eight Q&A bonus clips online. Continue releasing scheduled mini-talks on .ORG and YouTube.
- Continue to develop a strawman to map out the process of the FutureME and Content Development strategies; evaluate the organization and design of FutureME site and YouTube site to increase users providing easy access to content being sought, establishing links between items in a "portfolio".
- The ECE Programming Committee continues to discuss its operations guide
- Assemble a team(s) to plan the next set of mini-talks for IDETC/CIE2017 and IMECE2017 conferences

## *Community Development*

### Quarterly Highlights

- Published two issues of ME Today; November and January. Some of topics featured including, “What to Do When You’re One Qualification Away From Your Dream Job”, “Early Career Engineers Learn About Additive Manufacturing in New York”, “How to define a strategy focused on user needs and impact”, “Prototypes, Creativity and Grit: Students Tackle the Latest Future Engineers Challenge”, “The Best Jobs in IT and Engineering”, “ASME Enhances Environmental Impact Through EED Education Support Program”, “Key Points Delivered at the FutureME Mini-Talks at IDETC/CIE 2016 and IMECE2016”, and “Defining Disrupting and Changing Technologies through Codes and Standards”.
- The SLTC at IMECE2016 had 250 applicants, 63 invited, 46 attended; 30 of which were funded to attend. Attendee’s satisfaction conveyed as a NPS of 80.5%.

### Upcoming Activities/What’s on the Horizon?

- The Community Develop Team is engaging a new volunteer to lead the development of ME Today targeting only early career engineers
- Student Representative Chairs (SRC) plans to develop/contribute to a newsletter aimed at students focused on E-Fest and other student activities; published 3 times per year, introducing it next academic school year 2017.

## **III. Volunteer Orientation and Leadership Training (VOLT) Academy – Marc Goldsmith, Clare Bruff**

### Quarterly Highlights

- The VOLT Executive Committee met via teleconference on January 12, 2017.
- VOLT hosted an Officer Elect Orientation at IMECE in November. Reggie Vachon facilitated this event.
- 51 attendees participated in the two VOLT Leadership Workshops during IMECE in November, “Advocacy for Engineers.” Participant feedback was uniformly positive.
- There was reception for alumni of the ECLIPSE, LDI, and MLP programs at IMECE in Phoenix.
- There was a meet-up for past Cross-Sector Workshop participants at IMECE in Phoenix.
- There was a breakfast for the 2016-2017 ECLIPSE Interns at IMECE in Houston. They met with 3 past ECLIPSE interns to talk about expectations for their group project.
- The deadline for ECLIPSE applications for the 2017-18 program year was January 3, 2017. The ECLIPSE intern committee will met on January 29 to make its recommendations. The interns will be selected and placed by ASME’s business units by the end of February.



### Upcoming Activities/What's on the Horizon?

- VOLT will offer the fourth annual Cross-Sector Leadership Development Workshop April 20-22 in New York City. Invitations to candidates from all four sectors have been sent. The participant list will be finalized by the end of February.
- The 2017-2018 ECLIPSE interns will attend an orientation and leadership workshop, along with the current group of interns, April 23-25 in Washington, DC. They will also be invited to attend the Engineering Public Policy Symposium.
- VOLT will launch a new Communications Program, the VOLT Academy College of Leadership Communications, beginning in June 2017. The program will consist of four parts: (1) communication skills development for the Board and SVPs; (2) training volunteer trainers for communications skills development for the Society's emerging volunteer leadership; (3) delivery of communications training by volunteer trainers at ASME events; and (4) delivery of communications training via distance and online learning. VOLT will issue an RFP for consultants to conduct parts 1 and 2 in the near future. The anticipated roll-out will be with BOG and SVP training at the Annual Meeting followed by a train-the-trainer workshop.
- VOLT will offer a Leadership Workshop at the Annual Meeting in June. The tentative topic for the workshop is "Program and Business Development Planning in ASME."

### **IV. Group Pathways & Support (GPS)/Group Engagement & Transition Team (GETT) – Karen Ohland, Elio Manes**

#### Quarterly Highlights

- A total of 176 group activity requests were processed through the GPS Requisition Tool during the months of December, January and February 2017.
- A total of \$150,642 were received during calendar year 2016 in the form of voluntary contributions from individual members and credited to the segregated accounts of the corresponding groups (a total of \$81,433 to sections and \$69,209 to divisions).

### Upcoming Activities/What's on the Horizon?

- GPS is conducting an assessment of the nearly 300 division-level awards in an effort to assess the consolidation and/or automation of the various processes around honors/awards to improve efficiency and data collection.
- GPS is working with the Group Engagement & Alignment Task Force in submitting to the SMC, and eventually COFI and the BOG, on rules of engagement for groups, particularly with respect to the finances for Fundraising, Gifts, Honors & Awards, Sponsorships, and Travel Stipends.
- GPS is planning to conduct group volunteer training and orientation webinars during the week of March 27 and the week of April 24, 2017. GPS is also exploring the feasibility of holding an in-person training event on June 10 during the ASME Annual Meeting in Newport Beach, CA.