

American Society for Engineering Education Education

## **Business Meeting Minutes**

Date: 27 June 2017 Location: Columbus, OH

Attendance: Reid Bailey (Chair), Peter Schmidt (Past Chair), Susannah Howe (Webmaster), Gail Hohner (VP, Treasurer, Secretary), Robert Nagel (Program Chair), Jes Kuczenski (Program Chair Elect), + 42 attendees

- 1. Chair's greeting, call to order and administrative house-keeping
  - a. Approval of minutes from June 2016 by unanimous vote
- 2. Program Chair's Report Robert Nagel
  - a. Process
    - i. 126 Abstracts: 119 accepted asbtracts
    - ii. 119 accepted abstracts: 79 draft papers submitted, 23not submitted, 17 withdrawn
    - iii. 79 1<sup>st</sup> round draft papers: 57 accepted or revisions requested, 22 rejected
    - iv. 57 2<sup>nd</sup> round draft papers: 52 accepted papers, 5 rejected
  - b. Reviewers
    - i. Review to publish
    - ii. 133 total reviewers in abstract
    - iii. New review feedback form used
  - c. Program
    - i. 35 podium talks in 6 sessions
    - ii. 2 posters in the all division poster session
    - iii. 15 postcard session talks in 2 postcard sessions
  - d. Workshops
    - i. 3 submitted and accepted by DEED
    - ii. 2 of these were accepted by PIC officers
    - iii. 1 extra workshop offered due to a slot opening in April
  - e. Other Sessions
    - i. 1 Special Session
    - ii. 1 Panel Session
    - iii. Co-sponsorship of Distinguished Lecture with Student Division
- 3. Professional Interest Council II (PIC II) Chair's Report Reid Bailey
  - a. Stats shown regarding DEED publications stats compared to other divisions (see slides)
  - b. Comments from DEED members for the PIC II Chair
    - i. About ASEE 2017 in Columbus
      - 1. Eliminate technical sessions beginning at 7 pm unless specifically requested.
      - 2. Elimination of 7 am sessions has been positively received.
      - 3. There was general consensus that the new conference layout was a positive change (moving workshops to Wednesday).





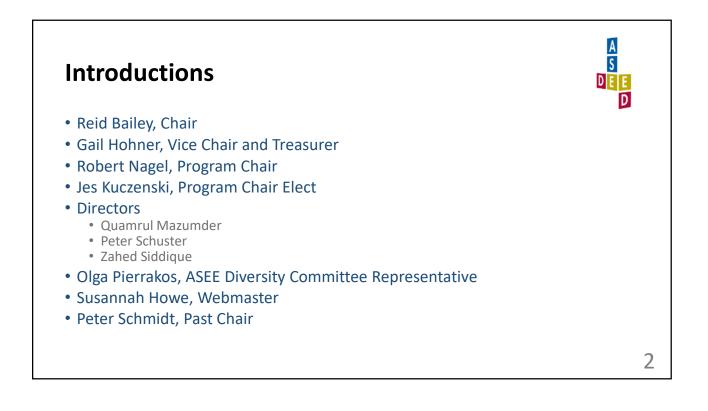
- 4. DEED Post Card session went well, but room configuration was not as promised/appropriate.
- 5. Sunday sessions of 75 minutes produced schedule collisions that were undesirable.
- 6. The "Greet the Stars" session was a success and should be continued.
- 7. The ASEE conference planned should be rewritten in the form of a phone app, rather than provided strictly as a web interface.
- 8. Everyone was glad to have internet coverage throughout the venue rather than in hotspots. Stress this for future site negotiations.
- 9. Registration availability should be extended by at least 1 hour on Saturday to accommodate travel from multiple time zones from the conference venue.
- ii. About DEED Division business
  - 1. The DEED division passed new bylaws that were not posted.
  - 2. The DEED division passed a dues increase that was not implemented.
- iii. General ASEE comments
  - 1. New members are unable to select divisions during on-line sign up/registration for membership in ASEE.
  - 2. Several members have expressed opposition to board reorganization proposed by Executive Director. We decided to write a letter to ASEE leadership from DEED. Input was solicited from members in attendance and all were supportive of such a letter.
- 4. Division Chair's Report Reid Bailey
  - a. Steady on membership at 884 members (887 last year)
  - b. Reid's focus this year was on "Year of the Future of Engineering Design Education" and highlighted by the Clive Dym panel, the student essay contest, and a workshop on envisioning future research directions
  - c. The 2017 DEED Service Award was given to Amir Rezaei from California State Polytechnic University, Pomona. Among his contributions to DEED are being the Program Chair (2007-8) and Division Chair (2008-9). As Chair, Amir oversaw DEED's growth to the 3<sup>rd</sup> largest ASEE division and led the development of the Financial Assistance Program, a joint program with NISH focused on assistive technology design.
  - d. The winners of the 2017 DEED Student Essay Contest were announced:
    - i. Graduate:
      - Alistair Cook (Colorado St) "Our global future require engineers and designers who are defined by their intersectionality, that is, engineers who are technically competent in their field(s) of engineering but also have global and professional skills to practice engineering design as professional global citizens"
      - 2. Steven Weiner (Arizona St) "In the future, engineering design principles will underpin a new educational model that empowers students to solve problems and learn skills for the sake of improving their world."
    - ii. Undergraduate:
      - 1. Shreyas M. Shete and Pramod V. Desai (Rajarambapu Institute of Technology) "The biggest innovation which will improve design education is ... virtual reality."





- 2. Aaron Joya and Maria Buan (Univ of Washington): "The current state of design engineering education fails to show the relationship of the design process and time thus, the future of engineering education needs a real time integrative platform to improve design development amongst engineering students."
- 5. Treasurer's Report and Rising Division Chair's Overview Gail Hohner
  - a. ASEE has stabilized financial operations, updating account balances through 9/30/16
    - i. BASS account balance on 9/30/16: \$14,878.89
    - ii. Estimated current BASS account balance: \$12,000
  - b. Primary expenses are used to support awards (\$500 for Best Paper, \$500 for Service, \$2000 for Student Essay), and the capstone conference
- 6. Election of Officers
  - a. Program Chair Elect
    - i. Bob Rhoades from Ohio State was nominated by Gail Hohner.
    - ii. With no other nominations, Bob was elected by acclamation.
  - b. Directors
    - i. Shawn Jordan (Arizona State), Kim Talley (Texas State), and Beshoy Morkos (Florida Institute of Technology) were nominated for the Director positions.
    - ii. With 3 positions and three candidates, Shawn, Jim, and Beshoy were elected by acclamation.
- 7. New Business / Initiatives for 2017-18
  - a. Keith Stanfield requested support from DEED for the 2018 capstone conference. DEED membership voted to approve supporting the capstone conference with \$2000.
  - b. DEED passed new bylaws in 2016-17, but these are not reflected on the ASEE site nor has the new dues rate been instituted. Peter Schmidt (as PIC II Chair) will follow up as will the 2017-18 DEED officers.





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A S D E E D



## **DEED 2017 Submission Stats**

- Abstracts submitted: 126
- Abstracts Accepted: 119
- Abstracts Rejected: 7

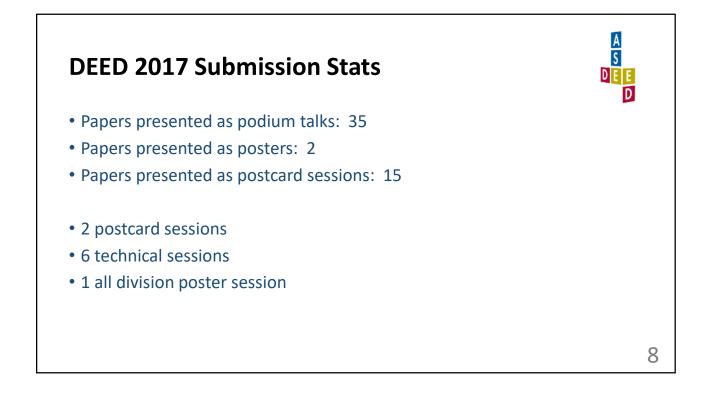
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## DEED 2017 Submission Stats 119 accepted abstracts translated into ... Draft Papers Submitted: 79 Draft Papers Not Submitted: 23 Draft Papers Withdrawn: 17

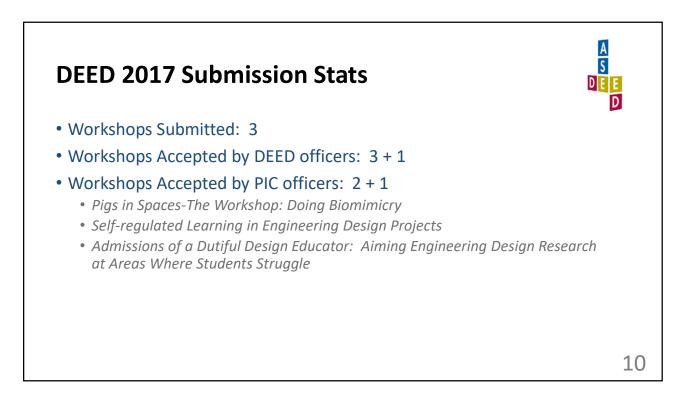


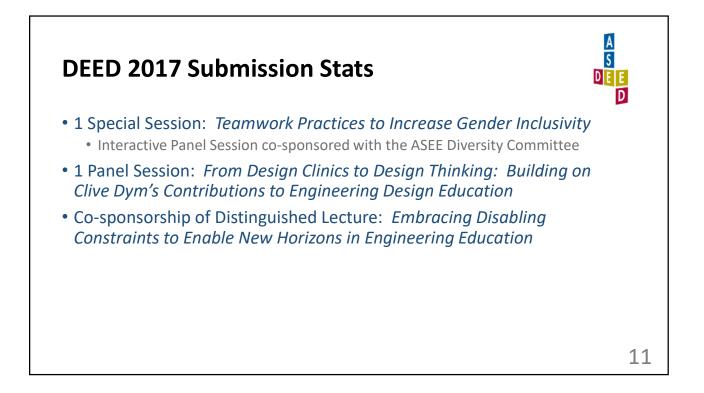
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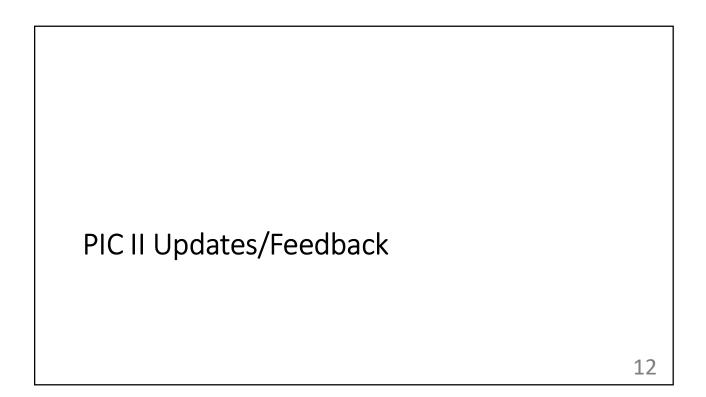
## DEED 2017 Submission Stats 57 draft papers translated into ... Accepted: 52 Rejected following 2<sup>nd</sup> Draft: 5





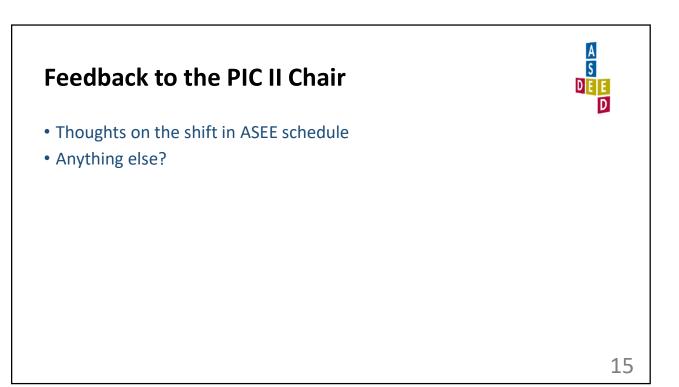






|       |                                   | 2014                | 2015                | 2016                | 2017                |
|-------|-----------------------------------|---------------------|---------------------|---------------------|---------------------|
|       | PIC II Divisions                  | Papers<br>published | Papers<br>published | Papers<br>published | Papers<br>published |
| Chair | Biomedical                        | 22                  | 28                  | 27                  | 44                  |
|       | Design                            | 56                  | 45                  | 62                  | 52                  |
|       | Engg<br>Leadership<br>Dev         | 14                  | 24                  | 19                  | 10                  |
|       | Engg Tech                         | 55                  | 61                  | 72                  | 85                  |
|       | Env Engg                          | 12                  | 19                  | 14                  | 18                  |
| 1     | Materials 14 1                    | 12                  | 18                  | 16                  | 17                  |
| 1     | Multidisc                         | 27                  | 36                  | 31                  | 40                  |
|       | Nuclear/Rad                       | 9                   | 5                   | 0                   | 0                   |
| 3     | Ocean/Marine                      | 9                   | 7                   | 4                   | 2                   |
|       | Softw Engg<br>Division            | 8                   | 6                   | 12                  | 8                   |
|       | Systems                           | 15                  | 19                  | 15                  | 10                  |
|       | Mil Engg and<br>Vet Const<br>Comm | 0                   | 0                   | 12                  | 13                  |
|       | Total                             | 239                 | 268                 | 284                 | 299                 |

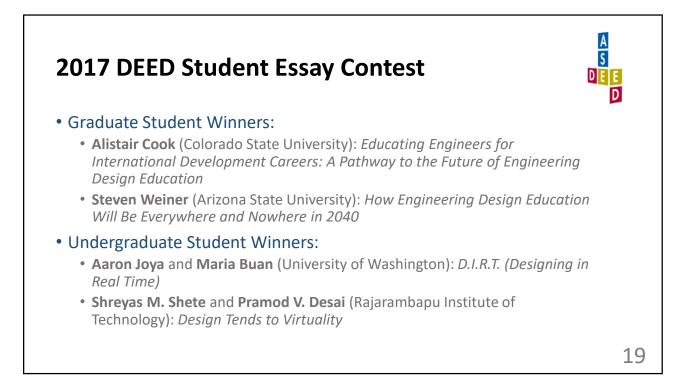
|           | Abstracts |          |          |                      | Papers           |          |           |                      |
|-----------|-----------|----------|----------|----------------------|------------------|----------|-----------|----------------------|
|           | Submitted | Rejected | Accepted | Submitted / Accepted | Submitted        | Accepted | Published | Accepted / Submitted |
| iomed     | 59        | 2        | 55       | 93.22%               | 47               | 44       | 44        | 93.62%               |
| esign     | 131       | 7        | 118      | 90.08%               | 81               | 52       | 52        | 64.2%                |
| EAD       | 25        | 5        | 18       | 72.0%                | 12               | 10       | 10        | 83.33%               |
| TD        | 133       | 0        | 132      | 99.25%               | <mark>9</mark> 2 | 85       | 83        | 92.39%               |
| nvir      | - 25      | 1        | 23       | 92.0%                | 18               | 18       | 18        | 100.0%               |
| laterials | 24        | 0        | 24       | 100.0%               | 20               | 17       | 17        | 85.0%                |
| lulti     | 42        | 3        | 39       | 92.86%               | 26               | 21       | 21        | 80.77%               |
| cean      | 4         | 0        | 4        | 100.0%               | 2                | 2        | 2         | 100.0%               |
| oftware   | 19        | 3        | 15       | 78.95%               | 12               | 8        | 8         | 66.67%               |
| ystems    | 20        | 2        | 18       | 90.0%                | 12               | 10       | 10        | 83.3 <mark>3%</mark> |

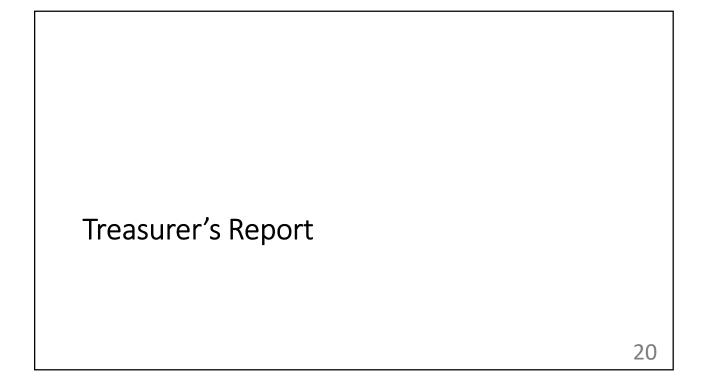










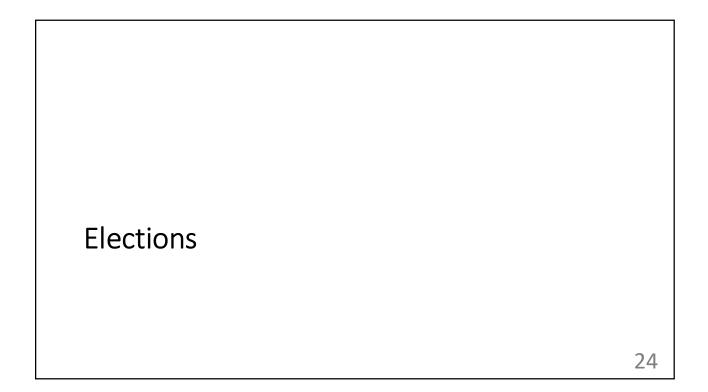


| BASS | account | 215 |
|------|---------|-----|
|------|---------|-----|

| Balance at 10/1/15                      | \$<br>17,253.54 |  |                 |
|---|-----------------|--|-----------------|
| REVENUE                                 |                 |  |                 |
| Dues Revenue FY16:                      | \$<br>2,118.00  | SUBMITTED EXPENSES (BASS + Operating)          |                 |
| Interest Revenue:                       | \$<br>4.86      | Best Paper '16                                 | \$<br>500.00    |
| Total Revenue FY16                      | \$<br>2,122.86  | Best Student Essay Awards                      | \$<br>2,000.00  |
|   |                 | ASEE Service Award                             | \$<br>500.00    |
| EXPENSE                                 |                 | Workshop AV Charges                            | \$<br>300.00    |
| FY2016 Annual Conference Net Expense:   | \$<br>172.87    | Division Mixer Materials / Prizes ('16)        | \$<br>81.42     |
| Raffle Prizes for Division Mixer ('15): | \$<br>189.24    | Student Division Gold Sponsorship              | \$<br>300.00    |
| Capstone Design Conference:             | \$<br>3,500.00  |  |                 |
| ASEE Administrative Fee:                | \$<br>635.40    | Unsubmitted Expenses                           |                 |
| Total Expense FY16                      | \$<br>4,497.51  | Best Paper Award '17                           | \$<br>500.00    |
|   |                 | Division Mixer Materials / Prizes ** estimate  | \$<br>300.00    |
| Balance at 9/30/16:                     | \$<br>14,878.89 | Guest Dinner '17 ** estimate                   | \$<br>150.00    |
|   |                 |  | \$<br>10,747.47 |
|   |                 | Total Balance Estimate (Bass + 2016 Operating) | \$12,000        |
|   |                 |  | 21              |

| <b>OPERATING ACCOUNT 315</b>       |           |
|------------------------------------|-----------|
| Allocation at 10/1/2015            | \$ 856.00 |
| Expense:                           | \$ 856.00 |
| Allocation net activity at 9/30/16 | \$ -      |
|                                    |           |
|                                    |           |
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|                                    |           |
|                                    |           |





| DEED<br>Position                     | Current<br>(2016-2017)                               | Upcoming<br>(2017-2018) |  |
|--------------------------------------|--|-------------------------|--|
| Division Chair                       | Reid Bailey  | Gail Hohner             |  |
| Chair Elect/<br>Treasurer/ Secretary | Gail Hohner  | Robert Nagel            |  |
| Program Chair                        | Robert Nagel   | Jes Kuczenksi           |  |
| Program Chair Elect                  | Jes Kuczenksi  | Open                    |  |
| Directors (3)                        | Quamrul Mazumder<br>Peter Schuster<br>Zahed Siddique | Open                    |  |
| Past Chair                           | Peter Schmidt  | Reid Bailey             |  |
|                                      |  |                         |  |

