



## 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 abstracts
    - ii. 119 accepted abstracts: 79 draft papers submitted, 23 not submitted, 17 withdrawn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:
      1. 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.



American Society for  
Engineering Education  
Design in  
Engineering  
Education  
Division

## DEED Business Meeting June 27, 2017

### Introductions



- Reid Bailey, Chair
- Gail Hohner, Vice Chair and Treasurer
- Robert Nagel, Program Chair
- Jes Kuczenski, Program Chair Elect
- Directors
  - Quamrul Mazumder
  - Peter Schuster
  - Zahed Siddique
- Olga Pierrakos, ASEE Diversity Committee Representative
- Susannah Howe, Webmaster
- Peter Schmidt, Past Chair

## Program Chairs Report

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## 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



79 draft papers translated into ...

- Accepted or Revisions Requested: 57
- Rejected following 1<sup>st</sup> Draft: 22

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## DEED 2017 Submission Stats



57 draft papers translated into ...

- Accepted: 52
- Rejected following 2<sup>nd</sup> Draft: 5

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## DEED 2017 Submission Stats



- Papers presented as podium talks: 35
- Papers presented as posters: 2
- Papers presented as postcard sessions: 15
  
- 2 postcard sessions
- 6 technical sessions
- 1 all division poster session

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## General Article Review Information



- Maintained review to publish policy at both Abstract and Draft phases
  - Resulted in a pool of 133 total reviewers at abstract phases
  - ~10 authors pushed back on review to publish at abstract-level; 0 authors pushed back at review to publish at draft-level.
  - Did not try to maintain reviewer – abstract/draft pairing from abstract through draft phase due to attrition and my desire to ensure each paper had a reviewer who used the review feedback form.
- Developed new review feedback form based on prior review rubric. Emailed the form to reviewers and posted the form to Monolith.

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## DEED 2017 Submission Stats



- Workshops Submitted: 3
- Workshops Accepted by DEED officers: 3 + 1
- Workshops Accepted by PIC officers: 2 + 1
  - *Pigs in Spaces-The Workshop: Doing Biomimicry*
  - *Self-regulated Learning in Engineering Design Projects*
  - *Admissions of a Dutiful Design Educator: Aiming Engineering Design Research at Areas Where Students Struggle*

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## DEED 2017 Submission Stats



- 1 Special Session: *Teamwork Practices to Increase Gender Inclusivity*
  - Interactive Panel Session co-sponsored with the ASEE Diversity Committee
- 1 Panel Session: *From Design Clinics to Design Thinking: Building on Clive Dym's Contributions to Engineering Design Education*
- Co-sponsorship of Distinguished Lecture: *Embracing Disabling Constraints to Enable New Horizons in Engineering Education*

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PIC II Updates/Feedback

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## From the PIC II Chair

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

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## From the PIC II Chair



	Abstracts				Papers			
	Submitted	Rejected	Accepted	Submitted / Accepted	Submitted	Accepted	Published	Accepted / Submitted

Biomed	59	2	55	93.22%	47	44	44	93.62%
Design	131	7	118	90.08%	81	52	52	64.2%
LEAD	25	5	18	72.0%	12	10	10	83.33%
ETD	133	0	132	99.25%	92	85	83	92.39%
Envir	25	1	23	92.0%	18	18	18	100.0%
Materials	24	0	24	100.0%	20	17	17	85.0%
Multi	42	3	39	92.86%	26	21	21	80.77%
Ocean	4	0	4	100.0%	2	2	2	100.0%
Software	19	3	15	78.95%	12	8	8	66.67%
Systems	20	2	18	90.0%	12	10	10	83.33%
MVCC	17	0	17	100.0%	13	13	13	100.0%

## Feedback to the PIC II Chair



- Thoughts on the shift in ASEE schedule
- Anything else?

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## Chair's Report

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## Division Chair's Report



- **Membership**
  - 884 Members (887 last year)
- **Unofficial “Year of the Future of Engineering Design Education”**
  - Panel, Workshop, Student Essay Contest
- **New Initiatives**
  - Service Award
  - Student Essay Contest
  - Postcard Sessions, Slick Infographic

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## 2017 DEED Service Award



**Amir G. Rezaei**

Professor of Mechanical Engineering  
California State Polytechnic University, Pomona

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## 2017 DEED Student Essay Contest



- **Graduate Student Winners:**

- **Alistair Cook** (Colorado State University): *Educating Engineers for International Development Careers: A Pathway to the Future of Engineering Design Education*
- **Steven Weiner** (Arizona State University): *How Engineering Design Education Will Be Everywhere and Nowhere in 2040*

- **Undergraduate Student Winners:**

- **Aaron Joya** and **Maria Buan** (University of Washington): *D.I.R.T. (Designing in Real Time)*
- **Shreyas M. Shete** and **Pramod V. Desai** (Rajarambapu Institute of Technology): *Design Tends to Virtuality*

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## Treasurer's Report

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**BASS account 215**

**Balance at 10/1/15** **\$ 17,253.54**

**REVENUE**

Dues Revenue FY16: \$ 2,118.00

Interest Revenue: \$ 4.86

**Total Revenue FY16** **\$ 2,122.86**

**EXPENSE**

FY2016 Annual Conference Net Expense: \$ 172.87

Raffle Prizes for Division Mixer ('15): \$ 189.24

Capstone Design Conference: \$ 3,500.00

ASEE Administrative Fee: \$ 635.40

**Total Expense FY16** **\$ 4,497.51**

**Balance at 9/30/16:** **\$ 14,878.89**

**SUBMITTED EXPENSES (BASS + Operating)**

Best Paper '16 \$ 500.00

Best Student Essay Awards \$ 2,000.00

ASEE Service Award \$ 500.00

Workshop AV Charges \$ 300.00

Division Mixer Materials / Prizes ('16) \$ 81.42

Student Division Gold Sponsorship \$ 300.00

## Unsubmitted Expenses

Best Paper Award '17 \$ 500.00

Division Mixer Materials / Prizes \*\* estimate \$ 300.00

Guest Dinner '17 \*\* estimate \$ 150.00

\$ 10,747.47

**Total Balance Estimate (Bass + 2016 Operating)** **\$12,000**

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**OPERATING ACCOUNT 315**

Allocation at 10/1/2015 \$ 856.00

Expense: \$ 856.00

**Allocation net activity at 9/30/16** **\$ -**

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## Diversity Committee Representative Report

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## Elections

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

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## Program Chair Elect Nominations



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## Program Chair Elect Ballot – one name per ballot



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## Director Nominations



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## Director Ballot – Vote for up to 3 names



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## New Business? Announcements?



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Let's Eat! Melt. 840 N High St.



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