

Dear DEED Members,

June is conference month!

The intent of this newsletter is to inform the DEED community about upcoming events and related news in DEED, ASEE, and the engineering design community.

Newsletters are typically sent on the 15th of every month; submissions are welcome.

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- 1) 2016 DEED Business Meeting Agenda

http://deed.asee.org/wp-content/uploads/2015/06/DEED_ASEE2016_BizMtgAgenda.pdf

Download the 2015 meeting minutes to be voted upon at:

<http://deed.asee.org/index.php/minutes/>

Date: 28 June 2016

Location: New Orleans, LA

1. Chair's greeting, call to order and administrative housekeeping - Peter Schmidt (5 minutes).
 - a. Introduction of sitting officers and directors
 - b. Introduction of attendees
 - c. Approval of minutes from June 2015
2. Professional Interest Council II (PIC II) Chair's Report – Marjan Eggermont (5 minutes).
 - a. Questions and feedback for the PIC II Chair
3. Program Chair's Report - Gail Hohner (5 minutes).
 - a. Review and Present to Publish status
 - b. Publication Metrics
4. Division Chair's Report – Peter Schmidt (5 minutes).
 - a. Membership metrics
 - b. Bylaws
 - c. Website status and solicitation (Susannah Howe)

5. Treasurer's Report and Rising Division Chair's Overview – Reid Bailey (5 minutes).
 - a. Suggestions for Director's Charges for 2016 -2017

6. Election of Officers – Peter Schmidt (15 minutes).
 - a. Nominations from the floor for Program Chair Elect
 - b. Program Chair Elect Candidate Statement(s)
 - c. Ballot for Program Chair Elect
 - d. Nominations for Director
 - i. Luis Monterrubio, Robert Morris University, Self, via email
 - ii. Norman Loney, New Jersey Institute of Technology, Self, via email
 - iii. Mansoor Nasir, Lawrence Technological University, Self, via email
 - iv. Other nominations from the floor
 - e. Director Candidate Statements
 - f. Ballot for Director positions (3)
 - g. Formation of nominating committee for the DEED distinguished service award.

7. DEED Support of the Capstone Conference / Conference Report – Susannah Howe (5 minutes).

8. New Business

Join us at 18:30 on 28 June, 2016 for the business meeting!

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2) CAPSTONE ASSESSMENTS - INPUT WANTED: 6/26/2016

Based on industry feedback, motivation is one of the most highly sought learning outcomes for engineering graduates and a characteristic that greatly affects the outcome of many capstone projects. As part of an NSF grant to develop assessment tools for Capstone Design Courses, we have drafted three tools to assess students' motivation. This is an important, but very difficult outcome to measure and we seek your advice. Join us at ASEE for refreshments, practice using our assessment tools, and provide us with your critical feedback. We look forward to seeing you.

SUNDAY, JUNE 26, 6:00 - 7:30PM, refreshments included Courtyard New Orleans
Downtown/Convention Ctr. (meet in lobby)
300 Julia St, New Orleans, LA 70130-3604

Kindly RSVP to Dr. Peter Rogers, The Ohio State University - Rogers.693@osu.edu

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3) Design Heuristics Workshop

Do you teach engineering or design courses at the undergraduate or high school level? Do you wish you had additional ways to encourage your students to develop their idea generation abilities? Consider joining us at the ASEE Annual Conference in New Orleans, Louisiana on:

Saturday, June 25, 2016 for the K12 Workshop focusing on Introducing Design Heuristics for Creative Idea Generation in K-12: Expanding student solution space for design challenges.

Sunday, June 26, 2016 from 9:00AM—12:00PM for a workshop focusing on Teaching Idea Generation: How to Use Design Heuristics in Your Courses.

In the free workshop, we will address the question: Where do new ideas come from, and how can we, as educators, encourage our students to create innovative solutions that address complex, global challenges? This workshop will provide you with a method to teach idea generation in engineering courses and design challenges. The Design Heuristics method has been proven to help engineers generate novel ideas, transform existing ideas in new directions, create multiple concepts to choose from, and increase the diversity and creativity of the concepts generated.

The workshop is free, and open to attendance by all educators. In addition, we are offering an incentive of \$250 if you sign up in advance and complete a survey prior to the workshop. The incentives are funded by NSF TUES Grant Nos. 1323251 and 1322552, with a focus on the dissemination of this method to engineering and design classrooms. Additional opportunities will be offered during the workshops for your participation in data collection and dissemination efforts at your home institution. If you are interested in receiving the Workshop Attendance and Survey incentive, please complete the following steps:

1. Fill out an initial signup form at: <http://goo.gl/forms/8thtHKMU03>
2. Respond to a 20-30 minute survey when it is released in mid- to late-May 2016.
3. Attend the workshop on Saturday, June 25th or Sunday, June 26th from 9:00AM-12:00PM

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4) ASEE Mixer - Meet your officers!!

Please join us at the ASEE mixer on Sunday 26 June! There is free ice cream and drinks, and we would love to meet any potential members or current colleagues in person.

We'll have an activity planned at our table, so come by and partake.

There will also be a raffle with design themed prizes.

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5) DEED Session Schedule

ASEE 2016 New Orleans, Design in Engineering Education Division Program

June 26 9:00 AM to 12:00 PM SUNDAY WORKSHOP: Teaching Idea Generation:
How to Use Design Heuristics in Your Courses Workshop, ID: 6799
Ticketed Sun. June 26, 2016 9:00 AM to 12:00 PM

June 26 1:00 PM to 4:00 PM SUNDAY WORKSHOP: Creating Effective Multidisciplinary
Capstone Design Teams - Leveraging Diverse Disciplinary Knowledge, Expertise,
and Identity Workshop, ID: 6609, Ticketed Sun. June 26, 2016 1:00 PM to 4:00 PM

June 26 9:00 AM to 4:00 PM Helping students in any engineering discipline to achieve a
“systems perspective” of engineering Workshop
ID: 6608, Ticketed Sun. June 26, 2016 9:00 AM to 4:00 PM

June 27 11:30 AM to 1:00 PM Research on Design Learning Technical Session
ID: 6221 Mon. June 27, 2016 11:30 AM to 1:00 PM

June 27 1:15 PM to 2:45 PM Student Evaluation in Design Education Technical Session
ID: 6212 Mon. June 27, 2016 1:15 PM to 2:45 PM

June 27 3:00 PM to 4:30 PM Idea Generation and Creativity in Design Technical Session
ID: 6213 Mon. June 27, 2016 3:00 PM to 4:30 PM

June 28 8:00 AM to 9:30 AM Professional Skills development in Design Technical Session
ID: 6214 Tue. June 28, 2016 8:00 AM to 9:30 AM

June 28 11:30 AM to 1:00 PM Design in Engineering Education Division Poster Session Poster Session
ID: 5780 Tue. June 28, 2016 11:30 AM to 1:00 PM

June 28 1:15 PM to 2:45 PM Best of DEED Technical Session
ID: 6224 Tue. June 28, 2016 1:15 PM to 2:45 PM

June 28 1:15 PM to 2:45 PM Co-Sponsored with Aerospace Division Design
Experience in Aerospace Engineering Panel of Invited Speakers
ID: 5689 Tue. June 28, 2016 1:15 PM to 2:45 PM

June 28 3:00 PM to 4:30 PM Maker Spaces within the University Technical Session
ID: 6215 Tue. June 28, 2016 3:00 PM to 4:30 PM

June 28 4:45 PM to 6:15 PM DEED: Panel Discussion - Maker Spaces Technical Session
ID: 6216 Tue. June 28, 2016 4:45 PM to 6:15 PM

June 28 6:30 PM to 8:00 PM DEED Business Meeting Business Meeting
ID: 5856 Tue. June 28, 2016 6:30 PM to 8:00 PM

June 28 7:00 PM to 9:00 PM DEED Members Dinner Social Function
ID: 5857 Tue. June 28, 2016 7:00 PM to 9:00 PM

June 29 8:00 AM to 9:30 AM 1st and 2nd Year Instruction in Design Technical Session
ID: 6217 Wed. June 29, 2016 8:00 AM to 9:30 AM

June 29 8:00 AM to 9:30 AM Capstone Design Courses I Technical Session
ID: 6225 Wed. June 29, 2016 8:00 AM to 9:30 AM

June 29 11:30 AM to 1:00 PM Capstone Design Courses II Technical Session
ID: 6226 Wed. June 29, 2016 11:30 AM to 1:00 PM

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6) Submitting to the InDEED Newsletter

Watch your email for the inaugural newsletter from our next chair, Dr. Reid Bailey.

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Yours inDEED,

Peter L. Schmidt, PE, PhD
Division Chair, ASEE DEED