

Dear DEED Members,

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.

As always, these newsletters and even more awesome information are available 24 hours a day, 7 days a week, at locations all around the world on our [DEED website](#).

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

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1) DEED ASEE Conference Statistics

- 137 Abstracts submitted
- 47 Papers assigned as presentation
- 15 Papers assigned as poster
- 2 Workshops
- 1 Panel session

- 10 Technical Sessions
- 1 Co-sponsored technical sessions

And a partridge in a pear tree...

The abstract/paper rejection rate was at about 25% with non-submissions comprising the balance of the total.

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2) DEED Best Paper Winner and Finalists

We had a great slate of papers at the Best of DEED session. Congratulations to the Best Paper winner, which was announced at the session to be:

How Students Create Verbal Descriptions of Physical Parts, Dr. Steven C. Zemke (Gonzaga University) and Dr. Diane L. Femke [[view paper](#)]

Congratulations also go to the finalists for the Best Paper award:

A Comparison of Paper vs. Electronic (Portfolio) Notebooks for Engineering Design Projects, Dr. Jessica A. Kuczynski (Santa Clara University) and Ms. Erin Susan Araj (Santa Clara University) [[view paper](#)]

The 2015 Capstone Design Survey: Observations from the Front Lines, Dr. Susannah Howe (Smith College), Ms. Sophia L. Poulos (Smith College), and Ms. Laura Mae Rosenbauer (Smith College) [[view paper](#)]

The Prototype for X (PFX) Framework: Assessing Its Impact on Students' Prototyping Awareness, Ms. Jessica Menold (Pennsylvania State University, University Park), Dr. Kathryn W. Jablowski (Pennsylvania State University), Prof. Timothy W. Simpson (Pennsylvania State University, University Park), and Emily A. Waterman (Pennsylvania State University) [[view paper](#)]

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3) DEED Officer Elections

We welcome our new officers!

Program-Chair Elect: Jessica Kuczynski (Santa Clara)
Directors: Quamrul Mazumder (Michigan-Flint), Peter Schuster (Cal Poly), Zahed Siddique (Oklahoma)

And we also welcome our annual transition of roles, where the program chair becomes the treasurer/secretary, the treasurer/secretary becomes the chair, and the program-chair elect loses the "elect" part of his title. Until our next business meeting at ASEE 2017, this means:

Chair: Reid Bailey (Virginia)
Treasurer/Secretary: Gail Hohner (Michigan)
Program Chair: Robert Nagel (James Madison)

We are fortunate to have Susannah Howe (Smith) staying on as webmaster. And, Peter Schmidt (Evansville) has moved into the "Past Chair" role.... which sounds like a pretty sweet gig.

Finally, Olga Pierrakos (James Madison) has stepped forward to be the DEED representative on the Diversity Committee.

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4) 4th INTERNATIONAL CONFERENCE ON DESIGN CREATIVITY to be held 2nd to 4th of November, 2016 in Atlanta, Georgia, USA

We invite extended abstract posters to be submitted for a poster session. Poster abstracts will appear in the conference proceedings.

Conference website: www.me.gatech.edu/2016_icdc

Email: ICDC2016@me.gatech.edu

We invite submissions of high-quality extended abstracts for a poster session at the

ICDC. Topics include, but are not limited to the following:

- * Collaborative creative design
 - * Cognition in creative design
 - * Creative design processes and methods
 - * Creative design styles and cultures
 - * Design creativity support tools
 - * Cultural aspects of creativity and innovation
 - * Measuring creativity and its impact
 - * Social dimensions of creative design
 - * Teaching creativity and innovation
 - * Bioinspired design
 - * Creative processes in design
- Poster abstract submission: 10th August, 2016
Conference Chair: Julie Linsey, USA
Vice Chair: Yukari Nagai, Japan
Program Chair: Maria Yang, USA

ICDC 2016 will be co-located with the 24th International Conference on Case-Based Reasoning (ICCBR 2016).

ICCBR 2016 will be held at Georgia Tech from Oct. 31 to Nov. 2 with Creativity as the conference theme.

Contact Dr. Ashok Goel for more details on ICCBR 2016 ashok.goel@cc.gatech.edu

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5) POSITION ANNOUNCEMENT: Post-Doctoral Research Fellow At University Of Michigan And Iowa State

We are looking for a Post-Doctoral Research Fellow for an engineering education/ design education research project funded by the National Science Foundation. This project is a collaborative effort between the Iowa State University and the University of Michigan. The successful candidate will be part of a team with colleagues from both universities. The research team includes faculty from Engineering Education, Mechanical Engineering, Cognitive Psychology, and Industrial Design. The project will focus on creating new knowledge and research publications about the dissemination of design pedagogy. The candidate will be involved in collecting and analyzing data, developing design tools and curriculum, writing manuscripts, leading workshops at other institutions on design pedagogy, and supporting the success of a network of instructors. Additional responsibilities will include mentoring undergraduate students who are involved in the project and maintaining our research website.

The candidate should be personable, value teamwork, and should have excellent communication skills. PhDs from engineering, design, engineering education, and other related disciplines will be considered. This is a full-time position for one year, with a salary range of \$45-50,000. The candidate will get structured mentoring from both institutions to excel in her/his career as a researcher and an educator.

We would like to hire immediately; however, a later start date is possible, depending on the candidate's timetable. Please send your CV and cover letter describing your interest to seda@iastate.edu.

Please contact us with any questions you may have.
Seda Yilmaz, Iowa State University, seda@iastate.edu
Shanna Daly, University of Michigan, srdaly@umich.edu

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6) POSITION ANNOUNCEMENT: Lecturer in Engineering Design, Rice University

The School of Engineering at Rice University seeks applications for a non-tenure-track faculty appointment with a full-time focus on undergraduate education at the Oshman Engineering Design Kitchen (OEDK). The OEDK provides undergraduate engineering students with ready access to design tools, prototyping equipment, computational facilities, meeting rooms and ample space for prototype design and development.

A Ph.D. degree in engineering or a related field is required. Individuals with practical electronics and/or industry experience (e.g., design and manufacturing, project management, regulatory requirements, engineering and/or commercial development) as well as recent Ph.D. graduates are encouraged to apply. Competitive applications will also have strong interpersonal and communication skills and a passion for teaching.

Additional details and application instructions are contained at this link: <http://oedk.rice.edu/EDES-Lecturer>

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7) Submitting to the InDEED Newsletter

To submit an item to the InDEED newsletter, please prepare a short description (no more than 2 paragraphs) including any relevant URLs (in explicit form, not as hyperlinks), deadlines and contact information.

Putting the words "DEED newsletter" in the subject will help make sure your submission makes it in the email.

Email this information to Reid Bailey, DEED Division Chair - rrbailey@virginia.edu

The newsletter will be distributed around the 15th of each month. Newsletter submissions should be sent no later than the 10th of the month.

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This concludes the inDEED newsletter. If this had been an actual emergency, the Attention Signal you just heard would have been followed by official information, news, or [instructions](#).

Reid Bailey
DEED Chair 2016-2017