

[deed_div] All the News InDEED: August 2017 Newsletter

August 2017

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 DEED content are available 24 hours a day, 7 days a week, on our DEED website (<http://deed.asee.org/>).

Gail Hohner

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(1) ASEE National Conference 2018 – Call for Papers

The Design in Engineering Education Division (DEED) invites abstracts for papers to be presented at the 2018 ASEE annual conference to be held June 24 - 27, 2018, in Salt Lake City, Utah. Abstracts may be submitted on topics related to the role of design in engineering education.

- Abstract Submissions Open - September 5, 2017
- Abstract Submissions Due - October 16, 2017
- Draft Paper (for accepted abstracts) Due - February 5, 2018

The 2018 DEED Submission Guidelines document is available on this link:

http://deed.asee.org/wp-content/uploads/2015/06/DEED_ASEE2018_ConferenceSubmissionGuidelines.pdf

The 2018 Conference Authors Kit is available on this link:

<https://www.asee.org/documents/conferences/annual/2018/2018-Authors-Kit.pdf>

Jes Kuczenski 2018 DEED Program Chair

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(2) Sustainable Design Rubric Survey

The purpose of this email is to ask for your assistance in the development of a Sustainable Design Rubric. It is our goal to identify criteria that are applicable across engineering disciplines. We believe the resulting rubric will be a valuable tool for student learning and for assessing sustainability-oriented objectives in engineering capstone and design projects. And, we believe it will be a much better tool with your input! Please take a few minutes to provide us your expert judgment following the link below.

If you have any questions or concerns regarding this email or this project, please contact Elise M. Barrella, Ph.D., Department of Engineering, James Madison University at barrelem@jmu.edu.

Link: http://jmu.co1.qualtrics.com/jfe/form/SV_6J4E9V3CIQPix4N

Study Information: The rubric work is being completed as part of NSF#1463865 Developing and Assessing Engineering Students' Cognitive Flexibility in the Domain of Sustainable Design. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation. This expert panel survey was reviewed and approved by JMU IRB under protocol #15-0584 (see cover letter below).

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(3) International Symposium on Academic Makerspaces – September 2017

The 2nd [International Symposium on Academic Makerspaces](http://isam2017.secure-platform.com/a) will be held September 24-27, 2017 at Case Western Reserve University. The symposium joins the people, knowledge & inspiration that fuse to catalyze higher education makerspaces and maximize impact on the student learning experience and professional success. A call for papers/posters for the symposium is posted at <https://isam2017.secure-platform.com/a>. More information on the symposium can be found at <https://isam2017.hemi-makers.org/>.

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(4) 8th IEEE Integrated STEM Education Conference – October 2017

We will begin accepting submissions to the 8th **IEEE Integrated STEM Education Conference** (ISEC '18) on 10.15.17. ISEC is known for featuring cutting-edge research and experiences with integrated approaches to the study of science, math, and technology through experiences and activities based in engineering and other design disciplines. It will be held on Saturday, 3.10.18 at the Friend Center, Princeton University.

Submissions are accepted in three categories: **Papers** (full or WIP), **Posters** by K-12 students, and **Workshops**. Please see the full CFP on the conference website, ewh.ieee.org/conf/stem, and our Facebook page for details on paper format requirements and templates, fees, and other conference information; follow us on Twitter @IEEE_ISEC; and like us on Facebook. Contact us at ieee.isec@gmail.com for more information. **We look forward to your participation in ISEC 2018!**

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(5) Position Announcement: ASSISTANT PROFESSOR IN MECHANICAL ENGINEERING DESIGN, CALIFORNIA POLYTECHNIC STATE UNIVERSITY (CAL POLY)

The Mechanical Engineering Department within the College of Engineering at Cal Poly, San Luis Obispo, CA, invites applications for two full-time, academic year, tenure-track faculty appointments at the assistant professor rank in mechanical engineering design. This is an opportunity for candidates who are passionate about undergraduate education to join a unique institution that values teaching and applied research activities. Preferred specializations include human centered design, design theory and methodology, creativity in engineering, bio-inspired design, design thinking, engineering education, and machine design.

For details, qualifications, and application instructions, visit <https://www.calpolyjobs.org> and search for

requisition #104508. Review begin date: October 1, 2017. Applications received after this date may be considered. EEO.

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(6) Submitting to the DEED Listserv

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 Gail Hohner, DEED Division Chair - ghohner@umich.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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Gail Hohner
DEED Chair 2017-2018