

Dear DEED Community,

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](#).

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**1) Abstract Deadline Extended**

ASEE extended the abstract submission deadline for all divisions. Abstracts are now due by October 19th at Midnight, Eastern Standard Time.

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**2) International Environmental Design Contest - 2017 Tasks Posted**

Calling design teams!

Registration for the 27th International Environmental Design Contest is now open. The Design Contest will be held April 2-5, 2017. Advance preparation is not just recommended but necessary. Students up for the challenge form teams and develop a bench-scale model of their solution, present a paper, design a poster, and conduct an oral report for the contest. These dedicated teams will need to consider their abilities in quantitative reasoning, ethical understanding, current event challenges related to engineering, and global issues and challenges. Feedback with scores, strengths, areas for improvement, and analytical results are provided to the advisers post-contest an important part of ABET accreditation. Judges come from academia, government and industry. There is also a Peer Judging component.

Tasks this year include: Open task, Passive Solar Distillation of ARD Waters, Tailings Dust Emissions, and Internet of Science and Engineering. See <https://iee.nmsu.edu/2017-international-environmental-design-contest/> for more information or contact Rose Thompson [atrethomps@nmsu.edu](mailto:atrethomps@nmsu.edu).

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**3) 7th IEEE Integrated STEM Education Conference (ISEC '17)**

Submissions for the 7th IEEE Integrated STEM Education Conference (ISEC '17) will be accepted starting Sunday, October 16, 2016. The direct link for submissions is [edas.info/N22730](http://edas.info/N22730).

Other important dates:

Submissions closed: December 18, 2016 11:59 pm EST

Acceptances sent: January 15, 2017  
Final revisions due: February 5, 2017  
Early registration ends: February 28, 2017  
Conference: March 11, 2017 Friend Center, Princeton University

Please visit us at <http://ewh.ieee.org/conf/stem> for information on paper format requirements, fees, housing, keynote, and other conference information; follow us on Twitter @IEEE\_ISEC; and like us on Facebook. Contact us at [ieee.isec@gmail.com](mailto:ieee.isec@gmail.com) for more information. We look forward to your participation in ISEC 2017!

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**4) Position Announcement: Tenure Track Position in Engineering Design at Penn State**

The School of Engineering Design, Technology and Professional Programs at The Pennsylvania State University seeks creative, dynamic applicants at the Assistant and Associate Professor level who will add new ideas, courses, programs, research, funding, and excitement to the Engineering Design Program at Penn State ([www.edp.psu.edu](http://www.edp.psu.edu)). New faculty will join a diverse team that is actively pursuing new initiatives in research, education, and service in cross-disciplinary methods of design that apply to most fields of engineering. In addition to traditional engineering design concentrations, applicants with backgrounds in manufacturing, built environments, biomedical applications, cognitive psychology, human-computer interaction and other emerging areas are encouraged to apply. Collaborations with other departments in engineering and other colleges are strongly supported. Design experience in industry is desirable.

Candidates must have an earned PhD in a field that is appropriate to support research and teaching in engineering design and be comfortable working in interdisciplinary settings. Evidence of excellent teaching ability is required. In addition to an application letter, curriculum vitae, and the names and contact information for three references, the applicant must submit both Research and Teaching statements that demonstrate how their interests and experiences align with those of the Engineering Design Program. To ensure full consideration, applicants must submit materials at <https://psu.jobs/job/66075> by November 30, 2016, although materials will be accepted until the selection process is complete. Questions can be directed to the Search Committee Chair, Professor Scarlett Miller at [scarlettmiller@psu.edu](mailto:scarlettmiller@psu.edu)

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**5) Position Announcement: Open-Rank Design Professor Position, Department of Mechanical Engineering at**

We are searching for a professor in design at the assistant, associate, or full level (tenure-track/tenured) or as Professor of the Practice. This faculty member will join the design division in the department and will help teach undergraduate and graduate design classes such as Design for Sustainability, Design for Manufacture, Design for Optimization, and Mechanical Design. Research thrusts may include those tied to product design, entrepreneurship, human factors, and/or robotics. Collaboration with the Tufts Gordon Institute of Engineering Management is highly encouraged. Additional information about the department can be found at <http://engineering.tufts.edu/me>.

The successful candidate will join an active department that offers B.S., M.S., and Ph.D. programs, and thus must demonstrate excellence in teaching as well as the potential to develop an internationally recognized research program. A doctorate or extensive industrial experience is required and candidates should submit evidence of their design achievements with their application.

Questions about the position should be directed to Professor Anil Saigal at [anil.saigal@tufts.edu](mailto:anil.saigal@tufts.edu). Evaluation of the candidates will start at the end of October 2016 and continue until the position is filled. The full description can be found at <https://apply.interfolio.com/36354>

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**6) Position Announcement: Professor of the Practice and Director of Pratt First-year Design Experience**

The Pratt School of Engineering at Duke University invites applications for a non-tenure track faculty position to lead the implementation of a signature first-year design curriculum for all its students. We view engineering as a creative, design-centered discipline addressing society's grand challenges. This signature experience will allow all Pratt first year students to become comfortable with problem-based learning and design. Applications are particularly invited from candidates who have developed design curricula and/or have industrial experience in the area of design. The Pratt School of Engineering student body is a highly selective and diverse group of students who comprise approximately 20% of the undergraduate student body at Duke University.

Candidates are expected to have a doctoral degree in: biomedical, civil, electrical, computer, environmental, or mechanical engineering, or a closely related field. Successful candidates are expected to have an exceptional teaching record, experience in building a curriculum, and the ability to offer a positive, experiential design experience for our students. We seek faculty members committed to building a diverse and inclusive community that fosters excellence in research and teaching. A regular rank, non-tenure track appointment at the assistant, associate or full professor level is anticipated. The faculty appointment will be in one or more of four departments: Biomedical Engineering, Civil & Environmental Engineering, Electrical & Computer Engineering, or Mechanical Engineering & Materials Science.

Applicants should submit a cover letter (email, address, and phone number must be included) describing their interests and qualification and a curriculum vitae along with the names, addresses, phone numbers, and e-mail contacts of three references electronically through AcademicJobsOnline (<https://academicjobsonline.org/ajo/jobs/8143>).

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**7) 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 Reid Bailey, DEED Division Chair - [rbailey@virginia.edu](mailto:rbailey@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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Reid Bailey  
DEED Chair 2016-2017