



## ENERGY CONVERSION AND STORAGE SEGMENT

### *Events update and newsletter*

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## Student Awards and Competitions

### *Call for Applications/Abstracts and Deadlines*

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#### IGTI STUDENT ADVISORY COMMITTEE TRAVEL AWARD (SACTA)

Sponsored by the ASME International Gas Turbine Institute (IGTI)

*Deadline: March 1st, 2016*

Awards and Recognitions: 20 travel awards for students which cover up to \$2,000 of travel expenses for the recipients.

IGTI's Student Advisory Committee (SAC) represents the interest of the students who attend [Turbo Expo](#) and serves as a student-specific liaison to the IGTI Board. The Committee will engage students by creating student-oriented programs at ASME Turbo Expo, such as poster presentation, tutorial sessions and activities that facilitate student interaction and networking with IGTI professionals. This year IGTI SAC is sponsoring up to 20 travel awards for students who actively contribute to the growth of the committee. The awards are reimbursement awards that cover up to \$2,000 of travel expenses for the recipients. To apply for the Student Advisory Committee (SAC) travel award, please submit all documents in one PDF file to [sac.igti@gmail.com](mailto:sac.igti@gmail.com) by March 1, 2016. All applicants will be notified of the decision on their application by March 31, 2016.

For more information on the award opportunity or to download the application, visit:

<https://www.asme.org/events/turbo-expo/program/students>.

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## IGTI APPLICATION FOR TECHNICAL COMMITTEE LIAISON SUBCOMMITTEE

**Sponsored by the ASME International Gas Turbine Institute (IGTI)**

***Deadline: March 1st, 2016***

The IGTI Student Advisory Committee (SAC) is looking for student liaisons to interact directly with the IGTI technical committees. The student will be expected to serve as a link between the SAC and the leadership of the technical committee to which they are assigned. The potential outcomes of this relationship include, but are not limited to, collaboration for future tutorial sessions at [Turbo Expo](#), communication of ideas and announcements between the SAC and the technical committee, and opportunities for professional development.

For more information on the award opportunity or to download the application, visit:

<https://www.asme.org/events/turbo-expo/program/students>.

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## SOLAR ENERGY DIVISION GRADUATE STUDENT AWARD

**Sponsored by the ASME Solar Energy Division**

***Application Submission Deadline: April 15, 2016***

Awards and Recognitions: The award includes \$1000, a recognition plaque, and registration at the Energy Sustainability Conference at Power and Energy 2016 Recognizes an outstanding graduate student working in an area of solar energy supported by the Solar Energy Division of ASME. Areas of interest include:

- Conservation and Solar Buildings.
- Heating and Cooling.
- Photovoltaics.
- Solar Chemistry and bio-conversion.
- Solar Thermal Power.
- Wind Energy.
- General solar topics (solar ponds, solar chimneys, OTEC, energy policy)

For more information go to the website <https://www.asme.org/about-asme/get-involved/honors-awards/unit-awards/graduate-student-award-sed> or contact Christian Sattler ([Christian.Sattler@dlr.de](mailto:Christian.Sattler@dlr.de))

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## Undergraduate Student Presentation Competition

**Sponsored by the ASME Internal Combustion Engines Division (ICED)**

***Deadline: April 29, 2016***

***Awards and Recognitions: 2 winning students will receive a cash award of \$3000! In addition, travel and lodging expenses for the conference will be covered up to \$1500 and conference registration fee will be waived***

The Student Presentation Chair of the ASME Internal Combustion Engine Division invites you to submit your undergraduate research in internal combustion engines. The top two entries will be selected to be presented at the 2016 ASME Internal Combustion Engine Fall Technical Conference in Greenville, South Carolina.

Consider applying if you: work in a laboratory at school that does internal combustion engine research; work on the engine of a collegiate race team or your own car; have innovative ideas for next generation advanced engines or alternative fuels; are an internal combustion engine enthusiast and would like to deliver a presentation.

To be considered, submit; (1) a 1000-word abstract in pdf format, (2) a 10-minute draft presentation slides as a pdf file, and (3) a one page mentor/advisor letter of recommendation to the Student Presentation Chair. The letter of recommendation must be from the professor or mentor working most closely with the student and must clearly identify the student's role in performing the research. A selection committee will choose the top 2 presentations according to an established review process. In that process, submissions will be scored according to the following metrics: (a) technical strength, (b) research novelty (c) quality of project execution, (d) degree of independent work, and (e) presentation quality. You must be an ASME student member and be an undergraduate student on the date of submission to be selected.

For more information on the award opportunity or to download the application, visit:<https://www.asme.org/events/icef> or contact Prof. Will Northrop [wnorthro@umn.edu](mailto:wnorthro@umn.edu)

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## MATERIALS AND ENERGY RECOVERY DIVISION ACADEMIC SUPPORT PROGRAM

**Sponsored by the ASME Materials and Energy Recovery (MER) Division**

***Application Submission Deadline: June 19, 2016***

Awards and Recognitions: \$18,000 in Scholarship Awards! between the students and their respective college/university. The school's portion of the award will be \$1,000 for each scholarship awarded

The Academic Support Program continues to be an important part of ASME - MER Division activities. The Division awards scholarships with a view to stimulate interest in students in materials and energy recovery from solid waste and related fields in environmental engineering, as well as to support colleges and universities that offer curriculum or courses supporting these areas of solid waste management.

The ASME - MER Division offers an academic support program with annual scholarship awards totaling \$18,000. The scholarship award amounts will be shared between the winning student and his or her school, with the school receiving \$1,000 out of each award amount stated below.

The number of awards will be as follows:

- a. Graduate Scholarship - (1st) \$6,000 and (2nd) \$4,000
- b. Undergraduate Scholarship - (1) \$4,000
- c. Graduate or Undergraduate Scholarship - (1) \$4,000

ASME-MER Division will provide a complimentary one-year membership in the ASME Materials & Energy Recovery Division to each student submitting a completed application.

Students enrolled in any branch of engineering or science in North American (including Alaska, Canada, Hawaii, Mexico and Puerto Rico) colleges and universities with environmental programs that include materials and energy recovery in solid waste management related curriculum or courses are eligible to apply.

For more information go to the website [https://community.asme.org/materials\\_energy\\_recovery\\_division/w/wiki/3621.scholarships.aspx](https://community.asme.org/materials_energy_recovery_division/w/wiki/3621.scholarships.aspx) or contact Amit Chattopadhyay ([amit.chattopadhyay@arcadis-us.com](mailto:amit.chattopadhyay@arcadis-us.com))

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## Want to Support or Sponsor any of these Events?

Please contact Energy Conversion and Storage (ECS) Director of Operations Timothy Graves at [GravesT@asme.org](mailto:GravesT@asme.org)

