



Student Competition Energy Club @ Georgia Tech

1. Purpose and scope

Energy Club @ Georgia Tech is organizing a student competition. The purpose of this competition is to encourage students to brainstorm creative, practical energy-related solutions through innovative thinking. The competition is designed to facilitate a relationship between students and industry representatives. Individual and team entries will be accepted.

Challenge problem:

“To identify solutions that will improve energy utilization in one of the following Georgia Tech campus buildings: CRC, library, or student center.”

Each solution must be innovative, realistic and economically viable.

2. Description

2.1 Participation Rules and Registration

1. The competition will be open only to GT students; it is not a public competition.
2. Undergraduate and graduate students can participate and form teams together.
3. Teams must consist of no more than 4 students. Multi-disciplinary teams are strongly encouraged.

4. Participating teams should register for the competition by **Sunday, November 6, 2011**. In order to register, please fill out the email registration link or send an email to energyclubgatech@gmail.com with the following information:
 - Name of the team
 - Members of the team (name, major and email)
 - A 100 word summary of your solution
5. **Final Presentations and Awards will take place on Monday, November 14 2011:** Each team will give a 10 minute presentation on the proposed idea. Then a poster session will follow, where the teams will have the opportunity to explain in detail their solution. The winning team will be awarded \$500 at the end of the presentations. The location of the event will be announced soon.

2.2 Intellectual Property Rules

The purpose of the intellectual property rules is to recognize the ideas of the authors and protect them for potential future development and commercialization.

1. The competition idea proposed by a team must be original, and shall not include ideas, processes, or results connected to any GT industry sponsored project, faculty work, or ongoing student research including thesis and term papers.
2. “Pursuant to the Georgia Tech Policy, ownership rights to Intellectual Property developed by GIT faculty, staff or students shall reside with the Creator of such Intellectual Property provided that: (1) there is no use, except in a purely incidental way, of GIT resources in the creation of such Intellectual Property (unless such resources are available without charge to the public); (2) the Intellectual Property is not prepared in accordance with the terms of GIT contract or grant; and (3) the Intellectual Property is not developed by faculty, staff or students as a specific institution assignment.”
3. In addition, GT Office of Technology Licensing will file Provisional Patent for the top idea with the U.S. Office of Patent and Trademark. Further development of idea towards a working product and filling of any Definitive Patent is up to the student team.

It is recommended that all final presentation materials, slides, etc. submitted to judges and the GT community include the names of the authors.

2.3 Judging Process and Awards

The judges that will select the winning competitor will be representatives from both Georgia Tech and the Energy Club’s sponsor companies. Our judges will include:

- Professor Santiago Grijalva (Academic advisor of the energy club)
- Judge(s) from our industry sponsors

The top idea as determined by the judges will be recognized with a prize of **\$500**. Consolation prizes might be awarded to additional teams.

Major criteria for the winning idea will be **novelty, economic viability, applicability and potential for future implementation.**

2.4 Sponsorship

The student competition will be sponsored by GE Energy, Exxonmobil, ABB and SEI. For further questions or clarifications, please contact the Energy Club @ Georgia Tech through our website <http://energyclub.gatech.edu/>, or send us an email at energyclubgatech@gmail.com.

SEI

(Strategic Energy Institute)



GE Energy

ExxonMobil

ABB