

Carnegie Mellon Electric Energy Club

Le Xie

March 10, 2009

Fifth Annual Carnegie Mellon
on the Electricity Industry

Mission

- Carnegie Mellon Electric Energy Club
 - is a student organization open to all students, faculty, staff, and alumni of Carnegie Mellon who are interested in the topic of electric energy.
 - aims to bring together the disjoint groups on campus to generate greater collaboration and increased innovation.

About the Club

- Founded in January 2009
 - Co-founders: Le Xie, Warren Katzenstein, Andrew Hsu, Jhi-Young Joo, and Charles Wesley
- 70+ Members (as of March 08, 2009)
 - Global representation
 - Interdisciplinary



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Carnegie Mellon Electric Energy Club

Welcome to the Carnegie Mellon Electric Energy Club Website

Monday, 23 February 2009 20:03 Andrew Hsu

Welcome to the Carnegie Mellon Electric Energy Club website. The purpose of our club is to help connect students within the Carnegie Mellon community who are interested in the subject of electric energy, regardless of their background or experience. We hope to both inspire cooperation and new ideas as well as introduce the topic to those who are interested but have not yet been able to make steps into the area.

This website will serve to be a hub for club members as well as a source of information for anyone interested.

Last Updated on Monday, 02 March 2009 15:35

Event: Carnegie Mellon Electricity Conference - 03/10/09-03/11/09

Monday, 23 February 2009 22:43 Andrew Hsu

The Carnegie Mellon Electricity Conference will be held on:

TUESDAY and WEDNESDAY,
MARCH 10th - 11th, 2009

Conference Venue:

Posner Hall Room 151
The David A. Tepper
School of Business at
Carnegie Mellon University
5000 Forbes Avenue

News: Facebook Group

Monday, 23 February 2009 22:22 Andrew Hsu

Everyone should remember to join the Facebook group for CMU Electric Energy Club, at [this link](#).

Last Updated on Monday, 23 February 2009 22:36





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Home > Advisors

Faculty Advisors

Monday, 02 March 2009 15:41 Andrew Hsu



Marija Ilic, Primary Faculty Advisor

milic@ece.cmu.edu

<http://www.ece.cmu.edu/~milic/>

AREAS OF RESEARCH:

Electric power systems modeling; design of monitoring, control, and pricing algorithms for electric power systems; normal and emergency control of electric power systems; control of large scale dynamic systems; nonlinear network and systems theory; modeling and control of economic and technical interactions in dynamical systems with applications to competitive energy systems; future electric power systems.

more to be confirme...

Last Updated on Thursday, 05 March 2009 18:47

Carnegie Mellon Electric Energy Club

Global

Basic Info

Type: [Common Interest - Science](#)
 Description: The CMU Electric Energy Club aims to bring together Carnegie Mellon members who are interested in the topic of Electric Energy. The club is open to all students, faculty, staff, and alumni of Carnegie Mellon who strive to understand and solve one of the grandest challenges of our time.

Contact Info

Website: <http://www.cmuenergy.org>
 Office: Carnegie Mellon University
 Location: 5000 Forbes Ave
 Pittsburgh, PA

Recent News

Join the panel discussion on student-run energy organizations on March 10! (Detail see the event)

Members

Displaying 8 of 70 members

[See All](#)



Timo MechTech Mechler



Aurora Schmidt



Masoud Honarvar



Paul Hines



Mark Pimentel



Lucy Luo



Nidhi Sharma



Shira Horowitz

Discussion Board



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Le Xie
 President [[remove](#)]

Warren Katzenstein (Carnegie Mellon)
 Vice President

JY Joo (Carnegie Mellon)
 Treasurer

Andrew Hsu (Columbia)
 Webmaster

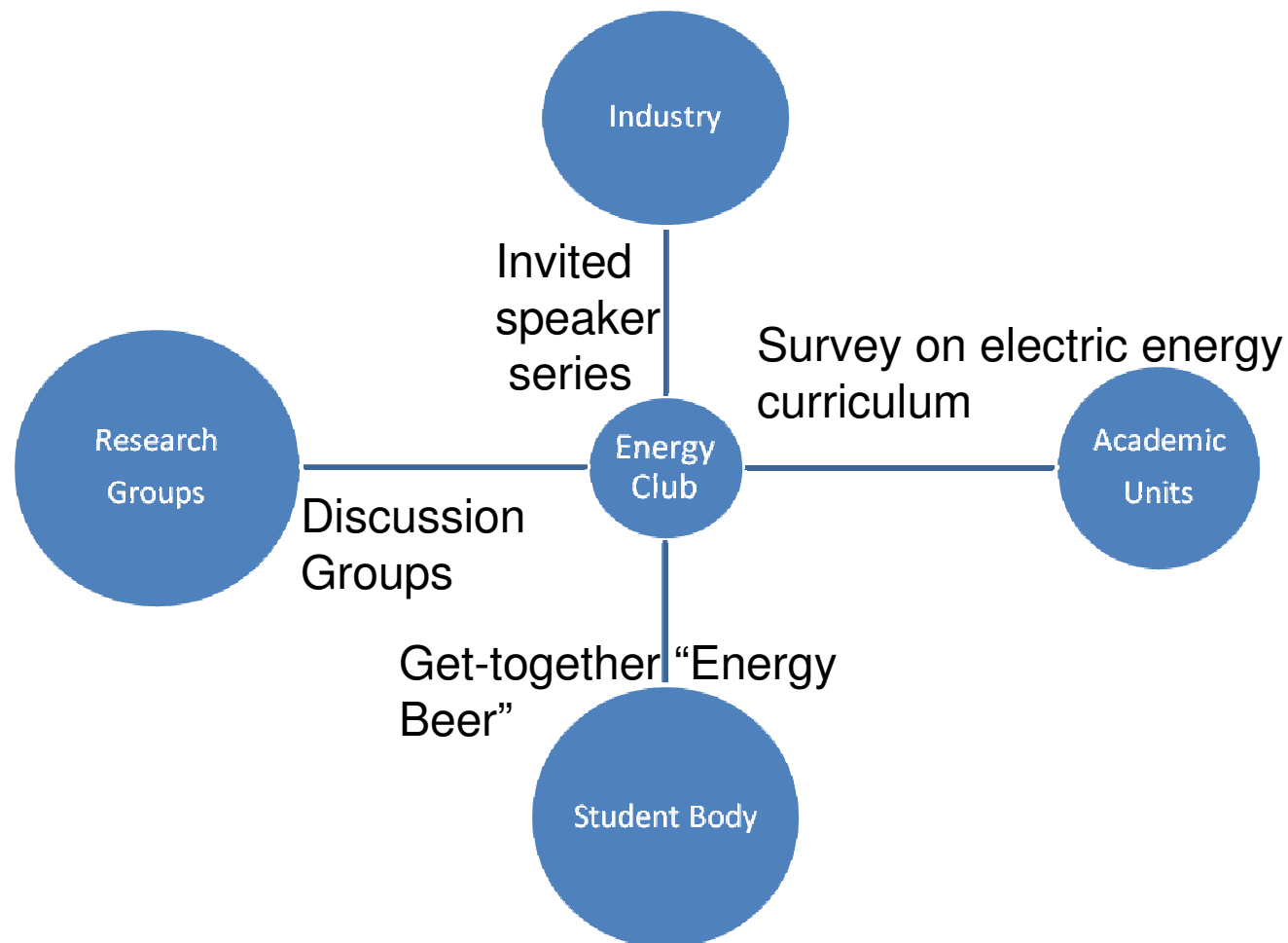
Charlie Wesley (Carnegie Mellon)
 Undergraduate Representative

Group Type

This is an open group. Anyone can



What Can We Do



Kick-off Event: Energy Beer



Undergraduate Electric Energy Curriculum Survey

Prepared by Charles Wesley

Universities are currently doing enough to teach students about energy

Electrical and computer engineering departments should create or reinstate “electric power” as potential study concentration areas for students.

Universities should have strict prerequisites for energy classes so only qualified students will be in attendance.

Students from technical majors should be required to take policy and economics classes as part of their study of energy.

The focus of energy research at universities should be on renewable energy and the development of fuels to replace petroleum.

Courses on circuits, networks and controls are mandatory in an energy curriculum.

Scale 1-5

5 = very important

4 = important

3 = neutral

2 = not that important

1 = not important

Discussion

- How do we increase direct student participation in industry and innovation?
- How do we get more students excited about electric energy problems?
- How do students prepare a better skill set to meet the changing industry requirements?

Concluding Remarks

My fellow students:

Ask not what the electricity industry can do for you—ask what you can do for the industry!

—Rephrased from J.F. Kennedy