PES 7th General Meeting

http://bit.ly/7thGM

Y’all best be pumpt
Projects Meetings

Fri, Feb 2nd 2–4
- bit.ly/pes–projects
- Wednesday, Friday
- 2:00 – 4:00 pm
- EER Office (0.820E)
ALTERNATIVE ENERGY CHALLENGE 2018

APRIL 14, 2018
1pm - 5pm
EER auditorium
Registration Closes Feb 11
https://www.utaec.com/
What is AEC?

The AEC is a competition run by students for students to foster innovation in the field of alternative energy and to give students an opportunity to gain experience in a team-based, goal oriented situation.

Previous examples:

- Self-positioning solar panels
- Water distillation system
- Solar-powered umbrella that doubles as a wind turbine
- Portable wind turbine
Problem Statement

Alternative Energy Focused on Disaster Relief

Areas of interest include, but aren’t limited to:

- Power supply/generation
- Transportation/distribution of items or people
- Health applications
  - e.g. medical technology, water purification
- Devices that aim to restore highly impacted areas
- Rescue
## Outreach Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Time</th>
<th>Location</th>
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<tr>
<td><strong>Edison Lecture Srs.</strong></td>
<td>Friday, February 9 9:30 AM - 1:30 PM</td>
<td>(8:00 am setup, 1:30 pm teardown) EER Mulva Foyer</td>
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<tr>
<td><strong>Girl Day</strong></td>
<td>Saturday, February 24 12:00 - 5:00 p.m.</td>
<td>EER 2nd Floor Lobby</td>
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<tr>
<td><strong>Explore UT</strong></td>
<td>Saturday, March 3rd 11:00 AM - 4:40 PM</td>
<td>EER 0th Floor Atrium</td>
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Student Membership Instructions

- www.ieee.org/join
  - Select "Join as Student" and create your IEEE Account
  - After creating your IEEE Account, continue through the membership application and proceed to the "Do you want to add any memberships and subscriptions?" on the same page.
  - Select Power & Energy Society membership and "add selected item."
  - Click "Proceed to Checkout"
- At the Shopping Card, enter PES18STUNW in the promotion code box in the Cart and click "Apply."
Spring Social

- Board Game Night!
- Friday, February 2nd
- 6-7pm
- EER 0.708
- Pizza!
UT Energy Week

- https://tinyurl.com/pesenergyweek
- Jan 29 – Feb 2nd (NEXT WEEK)
- On campus in the Alumni Center (Along San Jac)
- REGISTER for FREE
Energy Week

Topics

- Energy Technology and Innovation
- Energy and Transportation
- Smart System Design
- Energy Geopolitics and Supply Chains
Texas Power and Energy Conference

- February 8–9th
- Texas A&M
  - Talk to us afterward about carpooling
- Register
  - $50 for IEEE Student Members **NOW**
  - $60 on site
  - $70–$85 for non-members
TPEC Topics

- Power System Operation & Electricity Market
- Power System Protection, Monitoring and Control
- Synchrophasor Technology and Applications
- Power System Reliability & Asset Management
- Integration of Renewables & Microgrid Optimization
- Smart Electricity Grid Technologies
- Big Data Analytics & Demand Response
- Cyber and Physical Security
- Modeling, Simulation &
- Control of Power Electronics
- Converters
- HVDC and FACTS
- Electric Machines Design, Drive and Condition Monitoring
- Smart Electricity Grid Technologies
- Big Data Analytics & Demand Response
- Cyber and Physical Security
- Modeling, Simulation &
IEEE PES T&D Conference

- Register for conference
- https://tinyurl.com/ieee18td
- April 16 – 19th
- Apply – Student Housing & Poster Contest
IEEE GreenTech 2018

- 4th – 6th April
- Austin, TX
- Currently coordinating volunteering opportunities
EXPO

Thursday, February 1, 10 AM–4 PM
Frank Erwin Center
EXPO Services

Changing Rooms
ECJ 2.358
If it’s open, you can use it

ECAC Counseling
Drop-in Hours:
Monday–Friday
9–11:30 AM
1–4:30 PM

ECJ Lockers
Checkout a locker from EER 2.604

ECAC CLOSED DURING EXPO
E-WEEK THEME:
GREEK MYTHOLOGY

ZEUS

EWEK 2018

STUDENT ENGINEERING COUNCIL
When: **Saturday, Feb 17th**

What: Cockrell students go volunteer around Austin together

Why: To give back to the community in a fun way with friends (aw how wholesome)

*** E-WEEK points opportunity ***
T-Shirts!

How to get a shirt:
- Easy:
  Volunteer for 1 event
  Be a national member
- Hard:
  Attend 3 GMs
  2 socials = 1 GM