

JANUARY  
19<sup>TH</sup> 2010

SPRING 2010, ISSUE 1

EVENTS:

- 01/21/2010  
Busch Gardens Tour  
RSVP: Email to [usfasme@gmail.com](mailto:usfasme@gmail.com)
- 01/26/2010  
National Gypsum Tour  
RSVP: [time2meet.com/asme](http://time2meet.com/asme)
- 01/28/2010 & 02/11/2010  
General Body Meeting  
INFO:  
ASME USF website
- 02/19/2010  
Engineer's Week  
Banquet @ MOSI
- 02/19-20/2010  
Robotic First Tech.  
Challenge
- 03/26-28/2010  
Student Professional  
Development Confer-  
ence (SPDC)

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Great start of 2010  
for Electrathon  
Team!

Same old grey goose from three years ago, but with new crew and driver. And while on the building phase of a new electric car, the Electrathon team keeps winning prizes.



Our team won 2nd place, on both races of the 1st Annual Flying Tiger 120 Race, on January 16<sup>th</sup>, and hosted by AIAA Student Branch, and the Academy of Aeronautics and Astronautics. This first race of the year came with challenges like every single race.

The race track did not have many straights, making it hard for the team to predict battery consumption. ASME USF Driver John

Camacho started driving our car this last Fall, and has done quite well. Around 10 teams from the Bay area participated, including

High schools and individual Electrathon fans. A good variety of car designs is always seen at

these races.

Having a one-gear electric motor, the key is to maintain a lap time that optimizes battery life during 60 minutes of race time. But if there is any juice left at the end, it means that the car could have done more laps.

The current ASME- USF Electrathon currently open to new members. It may keep you somewhat busy to keep this car running during the academic semester;

but there are invaluable engineering lessons here that no class can teach you.

A new car has already been designed, and building phase is on hold as sponsors are needed. It will have an aluminum frame; and a practical design created by from scratch by student member Sean Motta, using 3D-CAD, will make this new electric car much lighter than the current one.

The team will hopefully end this year with 2 cars running. We are in need of funding and new student members that help out in the building phase, and then be part of a second crew.

Visit [electrathonamerica.org](http://electrathonamerica.org) for more info about the Electrathon challenge. Also go to [electrathonoftampabay.org](http://electrathonoftampabay.org) for local news and information.

Compete for ASME at USF

The Student Professional development Conference (SPDC) will take place on March 26-28, 2010 at Coral Gables in the University of Miami.

There are different types of competitions for Undergraduates: technical poster, oral presentation, web design, and expo. students. You do not need to be involved in extensive research to have a competitive subject to participate. Your initiative is only what's needed.

Also, Capstone students are encouraged to take their projects to compete here. It is possible that funding for travelling will be obtained.

If you are interested, look at the website: <http://districts.asme.org/spdc/FL/FLCompetitions.htm> or contact us at our email.



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