Sixth Spring 2014 MA/Keramos Meeting

Keramos graduation regalia
  • Gold cords
  • Cords will be $5—payment is due NOW
  • Email Stephanie at sgreiner@email.arizona.edu if you want regalia and if you’re graduating this semester

Formula SAE
  • Don Nguyen from FSAE came in to talk about the club
  • See below for more information
  • Meetings are Tuesdays at 7pm and Sundays at 10am—see below for meeting location

MS&T 2014 and Competitions
  • Dr. Vandiver came in to talk about the Mug Drop and Ceramic Disc Golf competitions that are hosted at MS&T every year
  • We will start building mugs and discs soon—keep an eye out for more information if you are interested in helping out
  • MS&T 2014 will be held in Pittsburgh, Pennsylvania, this year on October 12-16
  • Start thinking about if you would like to attend the conference now!
  • More information about MS&T can be found here: http://www.matscitech.org/

Outreach
  • Will be a top priority this semester—both clubs are dedicated to professional development and community outreach
  • If you want to help with outreach, if you can, please get into contact with your old high school and talk to science and engineering teachers who teach juniors and seniors about possibly coming in to talk to their classes (for next semester)
    o Ask teachers what days they meet most of their classes (days where they meet all their classes most ideal)
Other announcements/comments

- AIST Chapter Scholarships
  - $1500 scholarship, for MA members only
  - Deadline to apply: April 30
  - See attached sheet for more information and how to apply
Formula SAE

Formula SAE is an intercollegiate club that aims to design, build, test, and compete with a smaller scale Formula car. A new car is designed and built each ear. All students are welcome to join, from any major, grade, and skill level.

FSAE is composed of several sub-teams, including:

- Powertrain
- Drivetrain
- Ergonomics
- Suspension
- Electronics
- Frame

Each team has one lead, who is in charge of designing building their respective components, as well as teaching their sub-team members the required knowledge and processes. The whole car is built in SolidWorks prior to fabrication. Nearly all of the parts of the car are designed and/or built by the members; if not built in-house then they are built by sponsoring organizations. Part of the challenge then is coordination between each sub-team to ensure that each component harmonizes with all of the others.

Formula SAE offers students an opportunity to gain knowledge and skills that are not accessible otherwise in the college environment. Many times during an interview, questions are asked following the form: “Tell us about a time when you...” - Formula provides the background to be able to answer the question in several different ways. Being part of the team requires problem solving, coordination, dedication, and organization. Skills, including SolidWorks utilization, fabrication, welding, and machining, are practiced in the club.

Formula is also a diverse environment for networking and resources. Many of the alumni’s are working in corporations and businesses that utilize their experience they gained while in the team. These alumni’s can be contacted for general advice, technical knowledge, and even prospective employment. Members of FSAE are regularly employed through recommendations of former team members.
At the current stage, the frame of the car has been completed – the suspension, exhaust, intake, and body panels are in-progress. This is an absolutely fantastic time to attend club meetings to learn more about the internal workings of the race car. With competition nearing by, the working components of the car will quickly be implemented and completed.

Competition takes place during mid-Summer and includes four main events: acceleration, skid pad, autocross, and endurance. Because of the intensity of the races, all of these events put the team to the test in regards to design, build quality, and impromptu problem solving. Cars and teams from around the world attend to compete, each with their own unique cars, ranging from designs and budgets from across the spectrum.

All students are welcome to attend our meetings. They are located in **N213 of the AME building, on Tuesday at 7pm and Sunday at 10am** – we build something new every meeting. If you’re wondering, anyone who attends and participates is allowed the drive the car. **It can do 0-60mph in 3 seconds.**

If you’re interested, show up to one of the meeting times or contact Don Nguyen at: donthenguyen@email.arizona.edu
AIST Chapter Scholarship

“I was hoping you could remind your Material Advantage Chapter of the upcoming deadline for the Southern California Chapter AIST scholarships. The deadline for the national scholarships has passed but we are accepting applications for our chapter scholarships through April 30th. I have yet to receive any applications so if you could encourage students to apply for a $1,500 scholarship that would be much appreciated. Applications can be found [here](http://example.com).”