

Golden Eagle Additively Innovative Lecture Series presents *Wire + Arc Additive Manufacturing: enabling 10-meter metal parts* with Filomeno Martina, Ph.D., WAAMMat Program Manager, Welding Engineering and Laser Processing Center, Cranfield University, UK. **TODAY** from 11:00-11:30 a.m. Join from anywhere via tntech.zoom.us/j/432789883

ASME (American Society of Mechanical Engineers) will be meeting TODAY at 11a.m. (dead hour) in BRWN 236. We will have speakers come and talk about everything you need to do to prepare for the **Career Fair** coming up soon. They will be providing great insight and tips for landing the job you want. Food and drink will be provided. Hope to see you there!

🍷 **BBQ Plate Sale TOMORROW!** 🍷 A \$7 donation gets you **1/3 lb. pulled pork, bun, baked beans, potato salad and a drink.**
Feb. 23: 11:00 a.m.—1:00 p.m. Lunch pickup | 2:30—5:00 p.m. Dinner pickup — Civil Engineering Workshop, East Stadium
Sponsored by the **American Society of Civil Engineers (ASCE)**
Pre-sale tickets available – Contact: mecripsi42@students.tntech.edu or 615-887-1156.

Blood Drive – Alpha Kappa Psi & SHRM are hosting a blood drive this Monday, Feb. 26. Go to https://donor.bloodassurance.org/donor/schedules/drive_schedule/104682 and schedule an appointment or call Trudy Cody at (931) 239-9411 or via email at TrudyCody@Bloodassurance.org. All donors will be given a complimentary “Give Blood TN Donor Strong” t-shirt and a pair of “I BLEED” themed socks, also entered into the monthly drawing for a “FITBIT Charge 2!” **#bealifesaver**

The Department of Computer Science will be conducting on-site interviews of faculty candidates over the next few weeks. We invite all interested faculty, staff, and students to attend the public seminars for these candidates. The schedule for the candidates is below.

- Monday, Feb. 26 10:10 – 11:00 Seminar (PRSC 205)
- Wednesday, Feb. 28 10:10 – 11:00 Seminar (PRSC 208)
- Friday, March 2 10:10 – 11:00 Seminar (PRSC 205)

To view CVs for each candidate visit www.tntech.edu/engineering/departments/csc/people/faculty-seminar-series.

ARC (Autonomous Robotics Club) will be having our meetings at **7:00 p.m. on Tuesdays**, and YOU are invited! We currently have a few main projects, and resources and tutors available to help make your own robot. No previous skills or knowledge required, you don't even have to be a STEM major! We only ask you bring your own laptop. **Our meetings are in the Makerspace on the third floor of the library.**

SENIOR EXIT EXAM If you are planning to graduate in spring or summer of 2018 and have not registered for the senior exit exam, please do so today at the following link. www.tntech.edu/engineering/cnh-ssc/senior-exit-exam If you qualify for an exemption please fill out the exemption form at the same link. Direct all questions to Donna Thorne at 372-3553 or dthorne@tntech.edu.

Engineering a Future Volunteers Needed! **Engineering a Future** is a program we have been running for the past 14 years, to introduce 5th and 6th grade girls to engineering. On Saturday, February 24, we will have 42 girls on campus (7 groups of 6 girls). Each group will experience 4 hands-on activities (45 minutes each) led by local engineers.

We need engineering student volunteers to help in this effort.

The help and commitment needed are as follows:

- team guides: we need up to 7 female engineering students (1 per group) to spend the day with a group and take them from activity to activity. You will need to be available February 24, 7:30 am-3:30 p.m. We will also have a 30-min training session

earlier in the week to go over schedules and expectations. Because of a new University Policy, all team guides will need a background check prior to the event, and we will need your authorization for that.

- activity helpers: engineers will be developing and leading the activities, but help is needed to make sure all the girls are engaged, get help when/if needed, and have a positive experience. You will need to be available February 24 9:00 a.m.- 3:00 p.m. I will put you in touch with your activity leader ahead of time and they might request some help from you ahead of time.
- set-up/clean-up (5-10 students): we need help Friday 2/23 afternoon starting at 3:00 to move tables, pack bags, And Saturday after 3:00 pm to help clean up.

All volunteers will be provided lunch on Saturday and will receive a T-shirt. Working with these 5th and 6th graders is a very rewarding experience in itself, and all our volunteers end the day exhausted but very excited about the impact they had on the girls.

If you are interested, send me an e-mail (cdarvennes@tntech.edu) with your name, major, how you'd like to help (3 choices above), cell phone #, and shirt size. If you request Team guide, please include your T#. I will add you to my mailing list and send you more specific information as it becomes available.

Due to scheduling conflicts the **2018 Engineering Career Fair** will be held **Thursday, March 1, 2018 in the Hooper Eblen Center**. Please visit the **Center for Career Development webpage** for details.

Want to be trained by a Shark? What better way to impress a Shark than by learning from one? Don't miss this opportunity to sign up your EagleWorks team for professional mentor to guide you through your preparation for the competition! Professionals from all fields and various levels of experience are ready to help you navigate the waters of the EagleWorks Competition! This is not required, but will definitely give your team a significant advantage over other competitors. Fill out an interest form at <https://www.tntech.edu/innovation/competition/contact> with information about your team, and you will be contacted about your mentor soon!

DON'T FORGET: The next Shark Sighting is Thursday, March 1st at 5pm in the iMakerspace! Come learn about protecting your IP as a TTU student and more! We hope to see you and your team there!

Water Professionals Student Conference 2018 FREE TO STUDENTS March 16—17, 2018 BELL. Visit ttuwaterprofession.wixsite.com/conference2018 for more information and registration.

Civil and Environmental Engineering Graduate Scholarship Fund Golf Outing and BBQ Friday, April 20, 2018 (rain or shine) at the Tennessee Tech Gold Course, 1500 Country Club Rd., Cookeville, TN – [Register here...](#)

HONEY FOR SALE **ASCE (American Society of Civil Engineers)** is selling quart jars of **locally grown honey** for \$16/quart. **Visit PRSC 216** – CEE main office.

2018 NSF Research Experiences for Undergraduates (REU) Secure and Privacy Preserving Cyber Physical Systems at Tech JUNE 4—AUG. 10, 2018 During Summer 2018, Tech's Center for Manufacturing Research will host the Research Experiences for Undergraduates (REU) program: Secure and Privacy-Preserving Cyber Physical Systems (funded by NSF Division of Computer and Network Systems). This 10-week program focuses on cybersecurity challenges with applications in future smart cities and provides students with cybersecurity experiences. **Applications must be submitted by March 2, 2018. [Read more and submit an application...](#)**

SHOUT OUT!' an upcoming event in the CoE eBlast!

Look for the **eBlast**, a twice weekly email to the college community with news of special events. Sent every Tuesday and Thursday morning during the semester from engineering@tntech.edu. Send information for your meetings, seminars, events, including the

sponsor/group, date, time and location with your website URL or social media link and contact email to engineering@tntech.edu. eBlast archives are available under the 'News and Events' section of the college website.



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