Fall 2017
First General Meeting
Welcome!
Introduction

- **President:** Syihan Muhammad
- **Vice President:** Sarah Moore
- **Secretary:** Courtney Gelety
- **Treasurer:** Kyler Loeffelbein
- **Public Relations Coordinator:** Steve Cochran
- **Social Chair:** Brady Heater
- **Webmaster & Social Media:** Ken Nicolas
What to expect this year

- A more structured organization
- Guest speaker at every meeting
- More activities and projects
- More benefits and opportunities
- More fun!
$15/year

($10 for seniors graduating in December)

After September 31st dues will be $20
Communication

- Slack ([wvuieee.slack.wvu.edu](wvuieee.slack.wvu.edu))
- Google Group
- IEEE Weekly Updates
  - News about upcoming events we are hosting or need assistance on
Visit the website!

[ieee.orgs.wvu.edu](http://ieee.orgs.wvu.edu)
Website Features

- **Member signup** ([ieee.orgs.wvu.edu/membership](https://ieee.orgs.wvu.edu/membership))
  - We use your WVU ID to ensure there are no fake signups and to keep track of your hours
- **Log and view hours** ([ieee.orgs.wvu.edu/hours](https://ieee.orgs.wvu.edu/hours))
- **Apply for activities and conferences** ([ieee.orgs.wvu.edu/activities](https://ieee.orgs.wvu.edu/activities))
  - Student Activities Conference
  - Women in Engineering Conference
- **Offer anonymous feedback** ([ieee.orgs.wvu.edu/feedback](https://ieee.orgs.wvu.edu/feedback))
- **Other resources** ([ieee.orgs.wvu.edu/resources](https://ieee.orgs.wvu.edu/resources))
  - Gallery
  - galaksē
  - Meeting minutes
  - Constitution
Projects
ARISS

Project Manager: Sarah Moore

- Amateur Radio on the International Space Station
- We will have approximately 15 minutes to speak to the astronauts aboard the ISS
- During the week on September 3 - 10
- Bringing elementary to middle school aged students to WVU for a day of fun, STEM, and amateur radio
Coursework Database

Project Manager: Abdullah Najjar

- An online database to benefit the members of IEEE, by providing helpful materials for the courses
- Currently building a website to host the database
- Expand the database materials, and add more features to the website
Drone

Project Managers:
Ken Nicolas, Kyler Loeffelbein

- Building a racing drone for entry in drone racing competitions
- Currently have all required parts and are in the process of construction
- Looking into possible competitions for entry in the near future
Tesla Coil

**Project Manager:** Brady Heater

- Re-build something that is very cool
- Learn more about the physics behind building coils
- Join a casual environment
Holiday Lights

**Project Manager:** Unclaimed

- Setting up holiday lights on Evansdale Campus
- Features energy- and cost-efficient LEDs synchronized with music
- Current status: LEDs are built and ready for display, but require expansion
Mercury Remote Robot Challenge

Project Manager: Dr. Klinkhachorn

- Oklahoma State University in April 21st, 2018
- International, interscholastic robotics competition
- Design and build a robot capable of performing a mission remotely
- Electrical and mechanical design, programming, wireless communication
Scrum

Since our last meeting...

● What have you accomplished?
● What’s next for you to work on?
● Is there anything in your way and is there anyone who can help?

We want to keep you informed!
Slack Channels

Sign into these channels to join a project

wvuiieee.slack.com

#ariss
#drone
#database
#holidaylights
#teslacoil
IEEE Hours

- **Event:** hours that have a designated clock-in and clock-out
- **Service:** hours that must be added or estimated
- **Student Advisory Committee (SAC) Hours:** hours that are given to us by the Outreach Office
  - Helps us earn money!

Log and keep track of hours via the website ([ieee.orgs.wvu.edu/hours](http://ieee.orgs.wvu.edu/hours))!

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Activities
Intramural Sports

Social Chair: Brady Heater

Signups begin September 25th.

Vote for your preferred tournament online. Choices are:

- Flag football
- Soccer
- Basketball
- Dodgeball
Women in Engineering Conference

Nov 30th - Dec 2nd, 2017 | Baltimore, MD

- Apply online
- Features panels and discussions led by the female titans of our industry
- Features a career fair attended by the likes of MathWorks (creator of MATLAB), Rockwell Automation, Analog Devices, and more
Student Activities Conference

April 2018 | Pittsburgh, PA

- Apply online
- Features lectures and panels from key speakers working in the field of technology
- Features competitions with other universities related to electrical and computer engineering
- Ethics, Physics, Brown Bag, and WIE Teach competitions
- 10 SAC-hour minimum
News
Upcoming Events & Activities

- **ARISS**: Week of September 6th
  - In conjunction with WVU ARC
  - ~100 elementary/middle school students arriving on campus for an educational opportunity
  - We need volunteers to make sure the activities go by smoothly
Upcoming Events & Activities

- **NAPS Conference:** September 17-19, 7am-9:00pm
  - SAC eligible
  - Students working under Dr. Solanki will receive bonus points
    - EE 431, Graduate Seminar, EcoCar
  - 20 volunteers around the clock
  - Classes excused
  - 4 hour shifts
  - 6 hour shifts awarded with T-shirt
  - 8 hour shifts awarded with T-shirt + power brick + lunch
  - Transportation support needed (gas + parking fees will be reimbursed)
Questions?
Thank you!

Follow us!

WVU IEEE
@wvuieee
@WVUIEEE