



Rising Stars and CES 2023

IEEE UNM Student Branch

Acknowledgements

Sponsors

- ▶ Associated Students at The University of New Mexico
- ▶ Torc Robotics
- ▶ UNM School of Engineering
- ▶ IEEE Albuquerque
- ▶ New Mexico Neurology Associates
- ▶ Retis Technologies
- ▶ Ventusol Clean Energy Solutions

Officers

- ▶ Gabriel Gurule
- ▶ Dante Orona Yang
- ▶ Mari Aoki
- ▶ Ester Aguilera
- ▶ Frankie Viramontes



Rising Stars January 3rd – 5th

This conference allowed students to network with other students, schools, and professionals across IEEE.



At IEEE Rising Stars we were the largest university with 17 students.

IEEE Rising Stars Highlights

- ▶ Michael Andrews: Personal Branding
- ▶ Bentley Systems: IoT Smart Cities
- ▶ Whurley: Strangeworks

- ▶ Stewart Ongchin: Financial Planning
- ▶ Phil Batista: Zombie Apocalypse Radio Workshop
- ▶ Dan Lewis: IEEE COMSOC Society
 - Helping us to found an COMSOC student society at UNM





The Consumer Electronics Show is the biggest technology showcase. UNM IEEE attended and volunteered to run the IEEE booth. Outside of volunteering hours we were able to look at other booths and get inspired and excited for the future of technology.

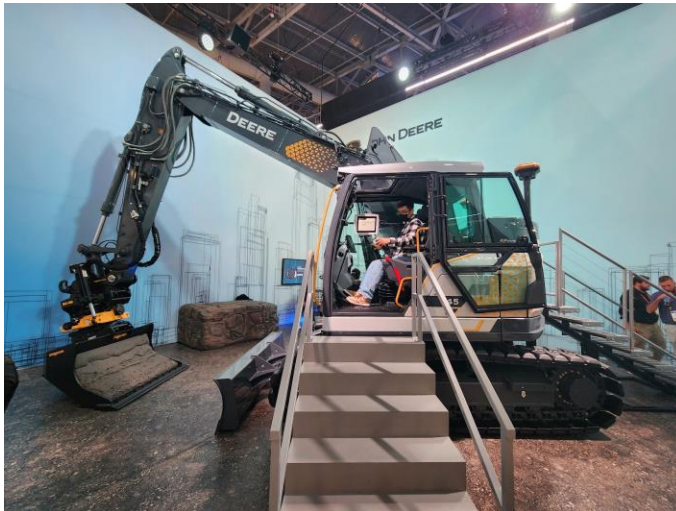


IEEE Booth Volunteering

We helped the IEEE CES booth with badge scanning and assisting attendees to play the IEEE City of the Future game. This experience demonstrated IEEE's influence in setting standards that we use in our daily lives.

Smart Industrial Equipment

- ▶ Autonomous CAT Dump Truck
- ▶ Electric John Deere Excavator



Electrical Vehicles

- ▶ Electric Hummer
- ▶ Electric Motorcycles
- ▶ Dodge Electric Charger
- ▶ Lightyear 0
- ▶ Ram Revolution



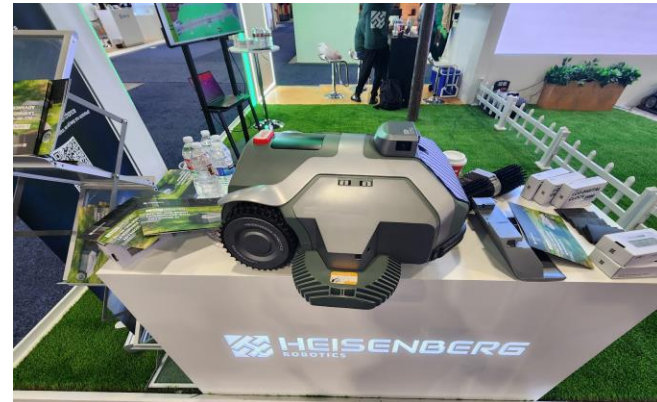
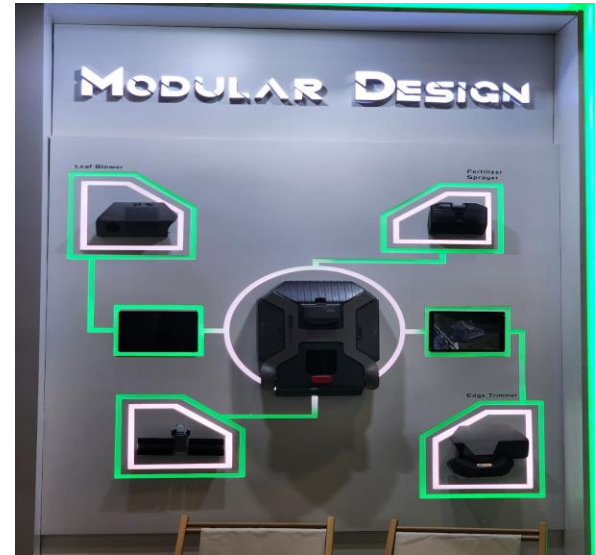
Manufacturing Technology

- ▶ Automatic Resin 3D Printing
- ▶ Metal Coated SLA prints



Robots

- ▶ Lawn Mower
- ▶ Leaf Blower
- ▶ Snow Plow
- ▶ Fertilizer
- ▶ Computer Vision
- ▶ Mopping



Benefits of Attending CES

- ▶ Students are excited to continue their classes and enter industry.
- ▶ CES allowed us a preview of the exciting technology constantly being developed
- ▶ Opened the door and showed students the many different opportunities available to them upon graduating.

- ▶ Increased retention and turnout of students at general meetings
- ▶ We have many students who attended conference interested in running for officer positions.



NM THE UNIVERSITY OF
NEW MEXICO

IEEE Student Branch
Thank You to our 2023 Sponsors!

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SCHOOL OF
ENGINEERING

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TECHNOLOGIES

ASUNM
ASSOCIATED STUDENTS AT THE UNIVERSITY OF NEW MEXICO



TORC
ROBOTICS

ENTUSOL
CLEAN ENERGY SOLUTIONS

NEW MEXICO
RENEWABLES ALLIANCE

Special Thanks to the IEEE Albuquerque Section for their support!

IEEE@UNM Spring Event Lineup

- Jan 24th – First meeting: Officer Info
- Feb 7th – Redwire (Tentatively)
- Feb 14th – Circuit Hearts Event
- Feb 16th – Planning meeting with Liquid Systems (**Optional**)
- Feb 21st – Dr. Estrada's Talk
- March 20th – Liquid Systems Workshop: 5:30pm, 2 workshops of 20 students each
 - ▶ Events Lineup – *Tentative*
- Phil Batista: Zombie Apocalypse Radio Workshop (Tentative)
- Financial Planning Talk - open to non-IEEE students, possibly in SUB (Tentative)
- Pi Day – around March 14th (Tentative)

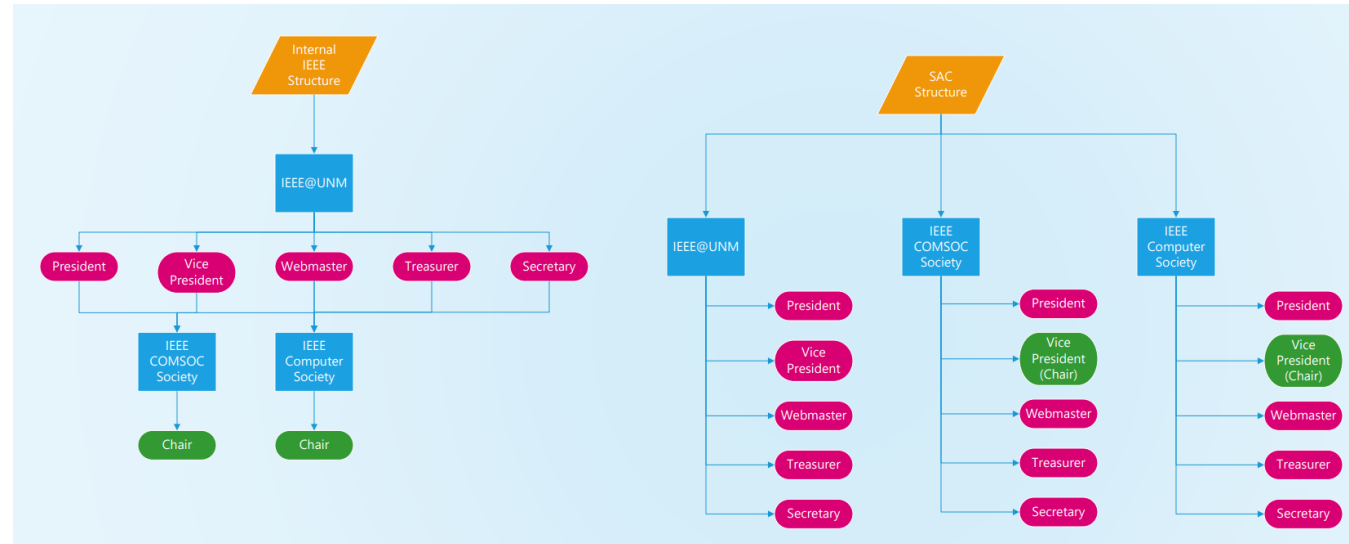
IEEE & ASME Collab



IEEE Societies Expansion Plan

► IEEE COMSOC Student Society

- Working with Dr. Tsiropoulou as our faculty advisor.





**Thanks you for
your support!**