

UH + SPRINT Workforce Student Poster Competition

What: Student poster competition at an event co-hosted by UH and SPRINT. General topic is Robotics and AI in Energy. Business leaders and academic researchers will be present. See below for more information.

When: Initial submission deadline – August 4th . Competition – August 16th

Where: University of Houston, Student Center, Houston Room

4100 University Dr, Houston, TX 77004

To participate, submit a poster draft to Javier Garcia (jgarcia@central.uh.edu) and Aaron Becker (atbecker@central.uh.edu) by the initial submission deadline.

UH + SPRINT Workforce Student Poster Competition

The UH + SPRINT Workforce Student Poster Competition will **recognize robotics research that could have significant impact on scientific understanding and society**. This opportunity provides students with an opportunity to highlight their research and innovation to research and industry leaders. Poster content should be related to at least one of the following categories:

- A. Robotics and AI for Life Extension and Decommissioning of Offshore Assets
- B. Robotics and AI for Offshore Asset Integrity Monitoring
- C. Power Electronics and Power Systems for Offshore Systems
- D. Robotics and AI for Energy Transition

Posters will be available for viewing on Friday, August 16.

To participate, students must submit a poster abstract by July 28 for pre-screening. Out of the abstracts submitted prior to the conference, 20 will be selected for the judge's round at the conference. However, any student who submits an abstract is still invited to participate in the poster competition and share their research with the conference attendees. Judges will include SPRINT members, business leaders and the scientific research community in Texas.

After review by judges on the afternoon of Friday, August 16, three student poster competition participants will be selected to become finalists. Finalists will present their poster on the main stage to the audience later that afternoon (five-minute presentation).

Recognition and Prizes

The three student poster competition finalists will receive:

- Opportunity to present research on the main stage of the UH+SPRINT conference
- Post-event publicity and certificate of recognition
- Cash prizes
 - First place - \$1000
 - Second place - \$600
 - Third place- \$400

Note: All poster competition participants selected for the judges' round must be available to give their poster presentation on stage on August 16, 2024.

All poster competition participants will receive:

- Networking opportunities with SPRINT members and distinguished business leaders and scientists
- Opportunity to present their research to a wide audience of the robotics research and business community

Additionally, some of the companies present will be offering job opportunities to outstanding participants. This includes, but is not limited, to the poster finalists.

Judging

During the allotted judging time for the 20 selected posters, participants will share a 5-minute overview of their research with the judges. We encourage you to include at the beginning of your poster presentation a general overview of your research and its potential impact on science and society that is accessible to scientists from various backgrounds.

Posters will be judged on the following criteria:

- Statement of challenge or problem addressed by research (accessible to scientists from various backgrounds)
- Potential to have significant impact on scientific understanding and society
- Summary of key elements and findings of research
- Effectiveness and engagement of presentation

Audience Choice Award

An additional category of recognition is the “Audience Choice Award.” Conference attendees will visit the posters and cast an individual vote for their favorite poster. All posters will be considered for this award. The recipient of the Audience Choice Award will be announced and recognized on stage Friday afternoon.