

# GHTC 2018 Student Poster Competition



# GHTC 2018

IEEE Global Humanitarian Technology Conference  
DoubleTree By Hilton San Jose, California, USA — October 18 – 21, 2018



## UNDERGRADUATE STUDENT POSTER COMPETITION

THIS YEAR STUDENTS CAN RECEIVE THREE SEPARATE AWARDS

**September 28, 2018** Deadline for poster abstract (up to 500 words): **Submit here:** <http://bit.ly/2Mtsgbu>

**October 5, 2018** Acceptance notification

**October 10, 2018** Submission of accepted final posters (pdf) for inclusion in conference proceedings

**Registration Fee Discounts**  
\$50 per poster with a maximum of two presenters (at least one student has to be IEEE member - <https://www.ieee.org/membership/join/index.html>). This includes access to the YP Reception where the poster competition is held. Additional students may participate as audience by registering for the YP Reception at \$40 per student. At least one student should be present and all students are responsible for all their travel cost

**Contact Information**  
For more info. please contact [engineeringsscience.sonomastate@gmail.com](mailto:engineeringsscience.sonomastate@gmail.com)

We encourage students to include any prototype, visual effects, etc. as part of their poster presentation.



Competition is collocated with the Young Professionals (YP) Reception

For more information see

<http://2018.ieeeahgc.org/>

Topics include (but not limited to):

- Internet of Things - IOT (e.g.: Sensors, computing, control, communication, storage and drive electronics targeted for IOT applications, medical electronics, drones)
- Smart Grid (e.g. communication, control, power electronics, energy storage, demand control and response)
- Waste: (e.g. reduction, conversion, disposal, recycling, reuse, harvesting, managing product lifecycle)
- Renewable Energy (e.g. solar, wind, tidal, fuel cells, energy harvesting, nuclear, thermal, power distribution)
- Water (e.g. Sourcing & distribution, conservation, harvesting, waste disposal, recycling)
- Electronics (e.g. components and systems, sustainable manufacturing, automotive and industrial applications)
- Energy Efficiency (e.g. sensing and measurement, energy saving, auto electrification & fuel economy, data centers)
- Transportation (e.g. electric & autonomous vehicles, aviation, motors, drive controls, batteries)
- Societal Implications / Quality of Life (e.g. global warming, sustainability education, human resources, risk-management, remediation, public policy)

Supported By:



## GHTC Poster Competition Guidelines

GHTC 2018 invites undergraduate students to submit abstracts for the Student Poster Competition.

Students are invited to send in ideas or designs for developing projects/products supporting the Key focus areas of GHTC 2018 include (but are not limited to):

- Affordable & Clean Energy
- Agriculture & Food Security
- Clean Water & Sanitation
- Community engagement, Capacity-building, and Behavior Change
- Connectivity & Communication
- Disaster Mitigation, Preparedness, Response & Recovery
- Humanitarian Challenges & Opportunities
- Social Science & Entrepreneurship
- Technology Enhanced Quality Education Delivery
- Technology Enhanced Healthcare
- Technology and Applications for Poverty Alleviation
- Other United Nations Sustainable Development Goals

The selected posters will be displayed during the GHTC 2018 Student Poster Session, on Thursday, October 18, being held in San Jose, CA, USA.

The deadline to submit poster abstracts is midnight US Pacific Time, September 28, 2018. Notification of acceptance will be sent out a week after this deadline.

### **WHO CAN PARTICIPATE?**

Poster authors must be undergraduate students at the time of submission and may be members of a team comprising of up to four students.

At least one student author must be an IEEE student member at the time of the submission of the poster to the Contest. The poster should be fully the work of the student(s) and completed before they have received their respective engineering or scientific degree.

### **HOW TO SUBMIT?**

To participate in the Competition students should write a 500-700-word description (abstract) of the poster, along with authors names, respective university and contact details; and submitted to

**[engineeringscience.sonomastate@gmail.com](mailto:engineeringscience.sonomastate@gmail.com)**

The abstracts will be reviewed and authors notified about the acceptance of their poster by Sept 23rd. If you have any questions or problems submitting your abstract, please contact:

Farid Farahmand [farid.farahmand@sonoma.edu](mailto:farid.farahmand@sonoma.edu)

Mortezaie, Mostafa [MMortezaie@devry.edu](mailto:MMortezaie@devry.edu)

Rose-Margaret Itua [RItua@ohlone.edu](mailto:RItua@ohlone.edu)

After the abstract is accepted, contestants will need to register for the contest and prepare a poster of no larger than 48 x 36 inches and on a tri-fold board.

### **Key Dates**

September 15, 2018	Submission of Deadline for Poster Abstract
September 23, 2018	Notification of Acceptance
October 18, 2018	Final Poster Display During Conference

### **PRIZES**

Cash prizes will be awarded as follows:

Judges Award-\$750

Technical Award-\$500

People's Choice Award-\$250

Information on the winners will be posted on the GHTC and IEEE Region 6 websites.

### **RULES REGARDING SUBMISSIONS**

1. Poster authors must be undergraduate or graduate students at the time of submission and may be members of a team comprising of up to four students.
2. At least one student author must be an IEEE student member at the time of the submission of the poster to the Contest.
3. The poster should be fully the work of the student(s) and completed before they have received their engineering or scientific degree.
4. The poster abstract should not be previously published or presented at another conference which has assigned copyright. If any plagiarism or copyright issues are found for the abstract, it will not be accepted.
5. Poster abstracts must be submitted by the deadline. Abstracts submitted afterward will not be considered for evaluation.
6. The organizing/review committee of the GHTC Student Poster Competition reserves the right to accept or reject any abstract without assigning any reason.

#### **POSTER SPECIFICATIONS**

1. Posters must be tri-fold and may be no larger than 36"x48"
2. Posters will be placed to stand alone on the tables

#### **POSTER SESSION SCHEDULE AND SET UP FOR CONTESTANTS**

1. Set up begins at 2:30 pm. At least one of the authoring students must be present at the GHTC Student Poster Competition.
2. Poster boards will be numbered. Presenters should attach their posters to the board number corresponding to the number assigned to their poster.
3. Judging will occur from 4:30-5:30pm.
4. The poster session is open 4:00 pm – 8:00 pm.

5. Take down by presenters no later than 8:30 pm. Posters not removed by 8:30 pm will be taken to the Registration area.
6. If selected as one of the winning posters, you will receive a ribbon on your poster and will also be notified via email.
7. The GHTC may request that prize posters be held temporarily for public display.

## **REGISTRATION FEE**

After the poster is accepted, contestants must register. Registration is not required to submit an abstract.

Registration fee is \$50 per poster with a maximum of two presenters (at least one student has to be IEEE member - <https://www.ieee.org/membership/join/index.html> ). This includes access to the YP Reception where the poster competition is held. Additional students may participate as the audience by registering for the YP Reception at \$40 per student. At least one student should be present and all students are responsible for all their travel cost