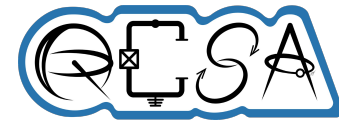


# QCSA Fall Fest Kickoff

10/18/2023

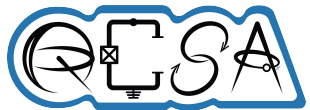


# Timeline

- **Tues, Oct 17:** Challenges Released
- **Wed, Oct 18, 3 PM:** Kickoff + Q&A
- **Fri, Oct 20, 10 AM:** Office Hour
- **Mon, Oct 23, 6 PM:** Office Hour
- **Tues, Oct 24:** Submission Deadline
- **Fri, Oct 27:** Closing Event with Iman

Elsayed





# Project Options



## Quantum Errors

**Beginner**

3-qubit error correcting code

**Intermediate**

Error suppression/mitigation

**Advanced**

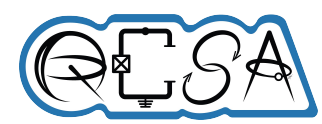
Pulse level control

## Quantum Simulation

Eigenstates and physical modelling

Quantum chemistry

Hamiltonian simulation



# Judging Criteria

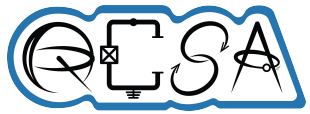


**Level:** Choose a project commensurate with your experience

**Creativity:** Show some originality in your solution

**Execution:** Hopefully, get some results or make progress toward a solution

**Presentation:** Submit something that effectively conveys what you did

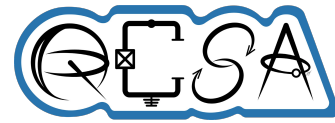


# Submission Instructions



## Submit a .zip file with the following:

- Information about your team
- Explanation of what project you chose and why
- Explanation of what you accomplished
- Project code
- Code outputs
- Media describing your project



Good Luck!

Check out the hackathon site for more details, or go to one of our office hours!

