Society Kickoff and Info Session

Computational Intelligence Society

Presented by RJ Macaranas
Department of Electrical Engineering

Outline

Organization Description Summary

Advancing nature-inspired computational paradigms in science and engineering.

- Computational Intelligence Society (CIS)
- Advisor: Helen Yu, professor of electrical engineering
- Founder: RJ, a lowly grad student
- Founding Members: Jack, Ivan, Sakiko, Elena, Christian

Organization Goal

Be an outlet for innovative interdisciplinary research, technology transfer, real-world applications, and education in computational intelligence.

- Workshops, social activities, guest speakers
- Projects, research papers, conference submission and attendance

Meeting Plan for Winter 2023

Mondays 8:10-9:00pm in 20-126

- Recorded and available on Zoom
- Will likely change in spring

Organization Motivation

Help Cal Poly become competitive in the field of computational intelligence.

- Computational intelligence is a hot topic
- Attending conferences can help expand your mind
- Writing academic papers will look good to employers and grad school

How

Organization Progress

We have registered with the university and established some online presence.

- Website is live at calpoly-cis.github.io
- Discord server should be accessible at this link
- YouTube channel is registered as Cal Poly CIS
- Working to become a local chapter of the IEEE-CIS
- Searching for leadership roles: president, treasurer, officers, organizers, etc.
- Ongoing projects: line following robot, ethics of machine learning
- Upcoming talks: fuzzy logic workshop, swarm intelligence workshop
- Upcoming conference: IEEE Conference on Artificial Intelligence (CAI), 6/5/2023