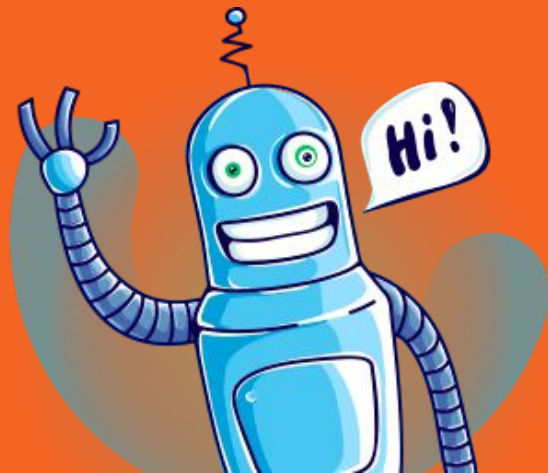


---

---

# Minerva Robowars



---

# What is a robot?



**Sensing:** External environment through sensors

**Movement:** Moves around its environment

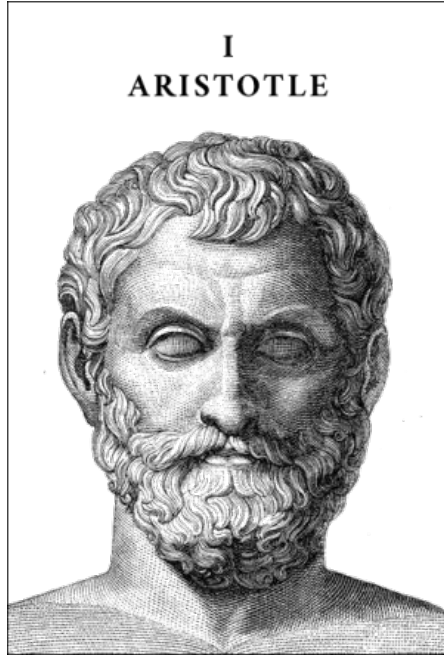
**Energy:** Powers itself

**Intelligence:** Programming and AI

---

---

# Algorithms and Aristotle



- Technical competence is increasingly important for the 21st century
  - Education must provide the kind of skills computers can never take away:
    - Critical thinking
    - Creativity
    - Empathy
    - Curiosity
    - Multidisciplinary thinking
-

---

# Conformity vs. Creativity



- Computers and machines work better when there is a diversity of algorithms
  - Diversity is a key indicator of group IQ
  - A multitude of different perspectives is crucial to innovation and problem solving
-

## Conformity

Uniformity  
Consistency  
Obedience  
Rigidity



## Creativity

Diversity  
Variety  
Collaboration  
Innovation



Jewish  
Community  
Center  
of San Francisco

---

# Day I Agenda

**12:00 pm** Opening

**12:30 pm** Network & Team-building

**1:00 pm** Hack round 1

**1:30 pm Lunch**

**1:45 pm** Fireside Chat w/ Minerva Roboticist

**3:00 pm** First Building Session Ends

**9:00 pm – 1:00 am** Building continues in Residential Halls

---

---

---

# Team Building



---

---

# BUILD

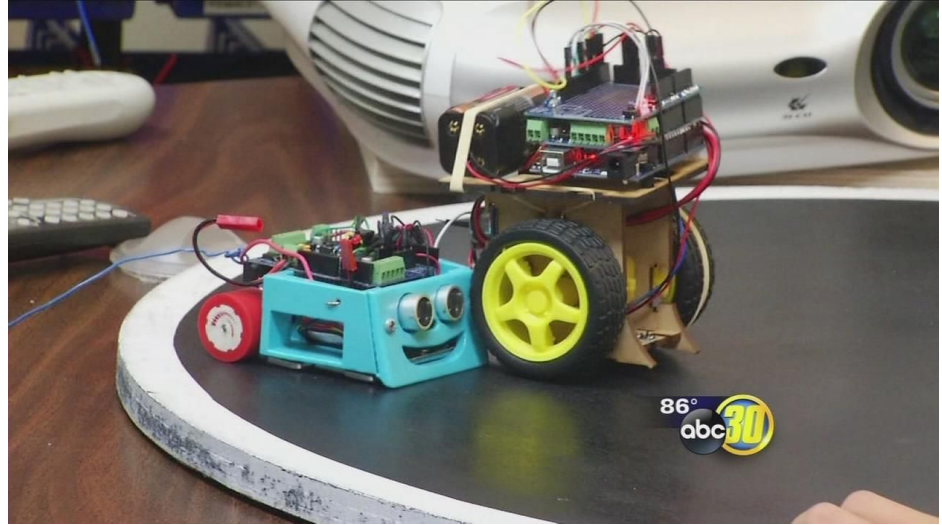
---



---

## **Accessories (\$20/team)**

- Mirror
  - Buttons
  - Straws
  - Aluminium foil
  - Birthday cake knives
  - Garlands
  - Clips
  - Toothpicks
-



---

## **Theme:** Favourite Minerva City



---

# Minerva Robowars Battle Day

---



---

---

Congratulations!  
We've built through 24 hours

---

---

## **Theme:** Favourite Minerva City



---

# Day II Agenda

**10:00 am** Final Building Session

**11:00 am** Epic 851 vs. 1412 Face-off

**11:45 pm** Prize Ceremony

**11:50 pm** Group Photo and Feedback

**12:00 pm** Venue closes

---

# Rules

1. Ultimate *Champion*
  2. Ultimate *Robot*
    - a. 3 ballots per team
    - b. 2 ballots per judge
    - c. You must vote for a team other than your own
  3. Ultimate *Team*
-



---

---

# Prize Ceremony

---

# Minerva Robowars

851 vs 1412



Friday March 30th - Saturday March 31

---

---

# Minerva Robowars

30 - 31 March, 2018

---