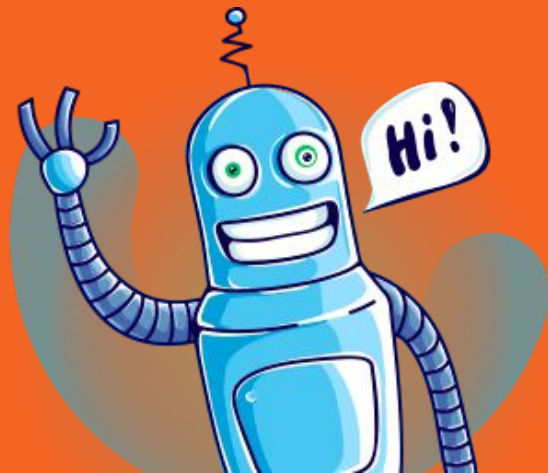


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# Minerva Robowars



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# What is a robot?



**Sensing:** External environment through sensors

**Movement:** Moves around its environment

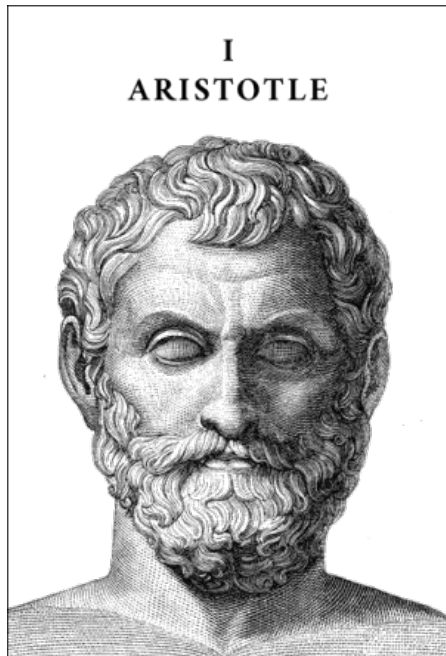
**Energy:** Powers itself

**Intelligence:** Programming and AI

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# '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
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# 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
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## Conformity

Uniformity  
Consistency  
Obedience  
Rigidity



## Creativity

Diversity  
Variety  
Collaboration  
Innovation



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# Day I Agenda

**12:00 pm** Opening Ceremony & Keynote Speech

**12:15 pm** Network & Team-building

**12:30 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

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# Day II Agenda

**10:00 am - 10:30 am** Final Building Session

**10:30 am - 12:00 pm** Epic 851 vs. 1412 Face-off

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# Team Building





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# BUILD

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