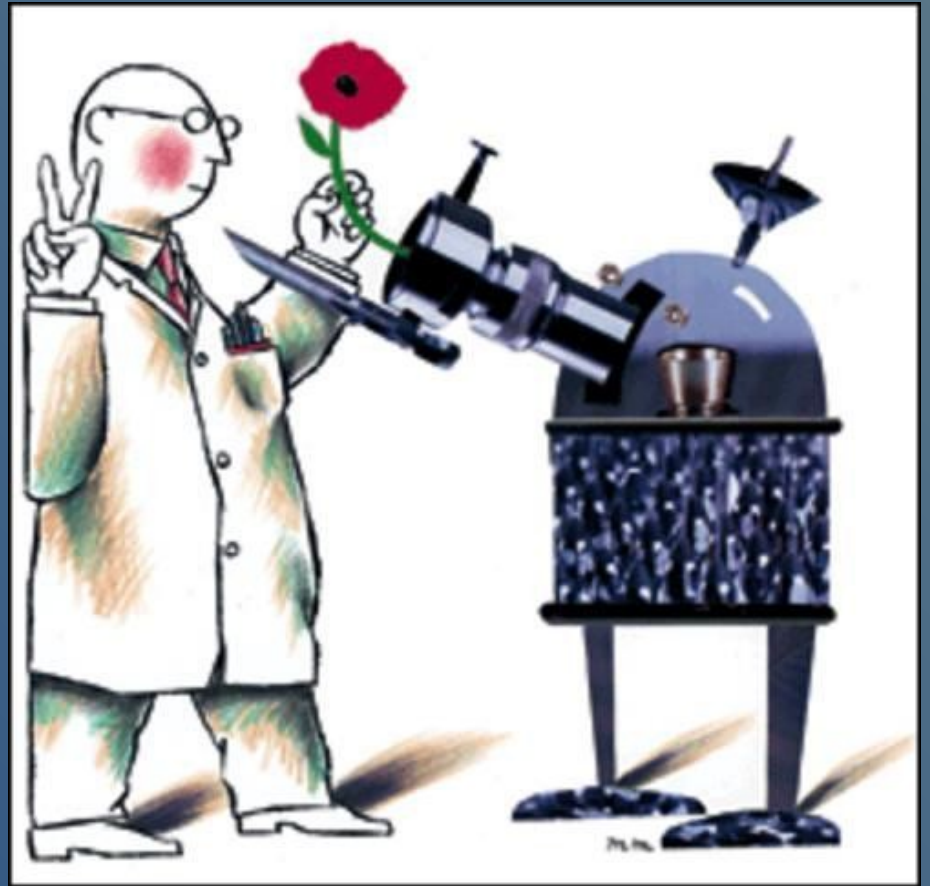


# No Killer Robots



# Types of Weapons Controls

- **Weapons Systems**
  - **Remotely controlled:**  
A human is controlling the robot.
  - **Humans-in-the-loop:**  
A human is.. **making or approving key decisions.**
  - **Fully Autonomous:**  
The robot works without the need for human interaction or approval.

# Why Autonomous

- Why build autonomous weapons?
  - No humans in danger during war
  - No panic, fatigue, or emotions to cloud judgment
- But...
  - .. Which humans?
  - AI judgment is based on its algorithms & learning.
    - .. We build systems which encode our own biases
  - Ex: Facial recognition for black faces;
  - Ex: Photo enhancement for dark skin / curly hair
  - AI has limited ability to understand context.

# Problems with Autonomous Weapons

- **Training Data**
  - Biased
  - Collecting large data collections may violate privacy
- **Complex Evaluation**
  - Legality of decision to take a life requires it to be ..**necessary and proportional to risk.**
  - Requires understanding of.. **complex context.**
  - Requires..**human level understanding to evaluate.**

- Stop Killer Robots (.org)

“Killer robots don’t just appear - we create them.”

- October 2022:

70 states delivered joint statement on fully autonomous weapons systems at UN General Assembly

- Includes Canada, UK, US
- Promoting humans in the loop, and humans remain accountable for use of force.

# Watch Immoral Code



Immoral Code - A Film By Stop Killer Robots

0417-4389234



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# - CODΣ



A FILM BY STOP KILLER ROBOTS

Should ('life' & 'death')  
decisions relate to  
{1's and 0  
}  
{yes / no}



IMMORALCODE.IO



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