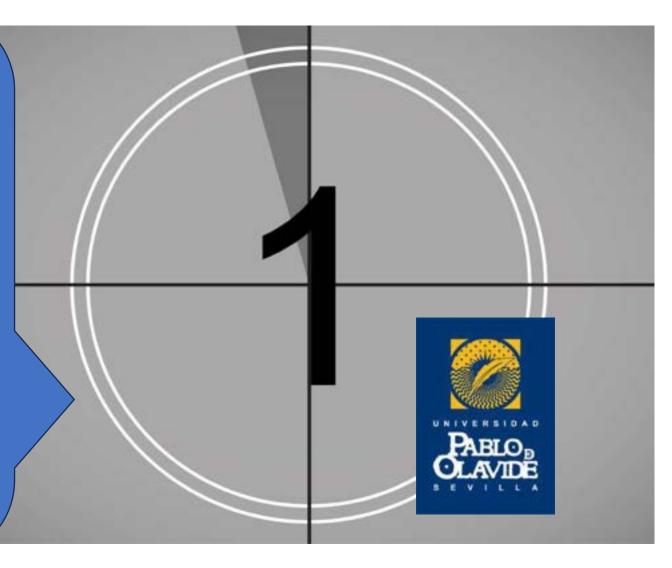
### SOME **CONSIDERATIONS ON THE "HUMAN RESERVE**" AND THE HUMAN **SUPERVISION IN** THE FIELD OF **PUBLIC SECURITY**

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THE PROPOSAL FOR AN <u>EU</u> <u>REGULATION</u> ON ARTIFICIAL INTELLIGENCE AND THE IMPORTANCE OF THE <u>HUMAN FACTOR</u> IN IA SYSTEMS OPERATING IN THE FIELD OF <u>PUBLIC</u> <u>SECURITY.</u>



It can be affirmed that the EU, through the proposal of the Artificial Intelligence Regulation by the European Commission, adopts an approach to artificial intelligence

that could be described as

cautiously positive.



### **BENEFITS / RISK**

### **PROTECTED LEGAL INTEREST = SECURITY**



## ETHIC EU

### Recital 43: Safety / Security / Fundamental Rights

# RISKS

- High risk
- Unacceptable risks
- Regulation: Title III
- 7 Requirements to reduce risks
- 4TH REQUIREMENT: GUARANTEE OF HUMANE SUPERVISION (ART. 14)





### ANALYSIS OF SAFETY-RELATED ACTIVITIES.



## SECURITY

- Biometric identification
- Law enforcement
- Migration, asylum and border control management
- Critical infrastructure

### BIOMETRIC IDENTIFICATION



### Law enforcement



### Migration, asylum and border control management



### <u>Critical</u> infrastructure





THE **APPLICATION** OF AI TO **WEAPONS** AND THE HUMAN FACTOR. SOME **KEYS TO THE** DEBATE.

#### weaponry

Human oversight in the application of AI systems in





### New CONTEXT: Political Warfare = Hybrid Warfare = Grey Zone

### THREE CHANGES IN MILITARY TECHNOLOGY

- •(1) Space / Cyberspace
- •(2) AI + Automated Weapons
- (3) Speed = Supersonic / Hypersonic



## AWS

Autonomous weapon systems Human factor Possibility of prohibition Acceptance of reality Lethal decision: significance of the AI decision on weapons (-) Human feelings it lacks: empathy. (+) Human feelings that it would avoid. (?) Moral superiority of the human combatant over the robot



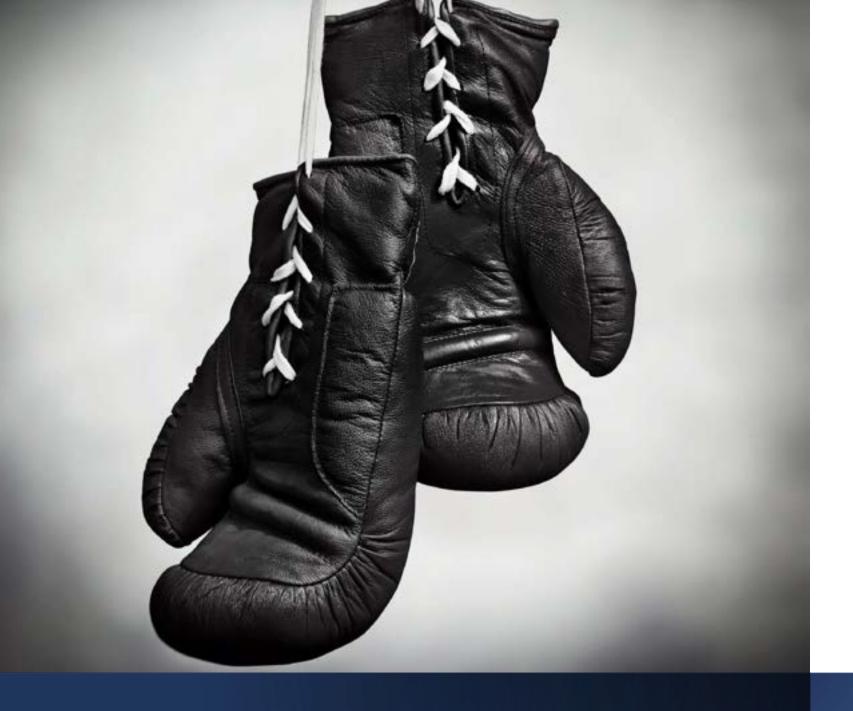
### Three AI application plans for weapons

### Inside the weapons

### Silicon Commander

### • Cyber warfare





### Prof. SCHARRE

 Three dimensions of the autonomy of war



### Prof. TRUMBULL

#### Grados de autonomía

IN THE LOOP

**ON THE LOOP** 

OF THE LOOP

**FULLY AUTONOMOUS** 

25° 🖉 🖓

AUTOMOMOR S WEAPONS: BOW EXISTING LAW CAN RECELATE FUTURE WEAPONS

Charles P. Trumbull IV"

#### DOTESTIC TRAVE

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NEED FOR HUMAN CONTROL OR RESPONSIBILITY OVER THE USE OF FORCE





### IDEA: REASONABLE COMMANDER'S THESIS





#### HUMAN ERROR VS. TECHNOLOGICAL ERRORS: DIFFERENT TOLERANCE





### THE POSSIBILITY OF HACKS



#### A SYSTEM THAT PRE-CONSTITUTES EVIDENCE TO REVIEW USE OF FORCE PROCEEDINGS

#### Personas electrónicas?

ADELA CORTINA

¿Personas electrónicas?

ADELA CORTINA

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mayo de 2006, el Coinité lamento Europeo lanzò una extraña propoesta. la de crear personas electronicas, es-el marco de la legisla-

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Es asombroso contemplar la desatención a millones de ciudadanos que mueren diariamente de hambre y, al tiempo, el empeño con que se pretende llegar a una poshumanidad de máquinas inteligentes

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