

KATERINA
TASIOPOULOU

AI in Cyber: Enhancing or Endangering Our Mission?



**BANKING AND
FINANCIAL
INSTITUTIONS**



**GOVERNMENTS
AND DEFENCE
SECTOR**



**PHARMACEUTICAL
ORGANISATIONS**



**INFORMATION
TECHNOLOGY
ORGANISATIONS**



**FOOD
INDUSTRY**



**MARITIME AND
SHIPPING**



RETAIL



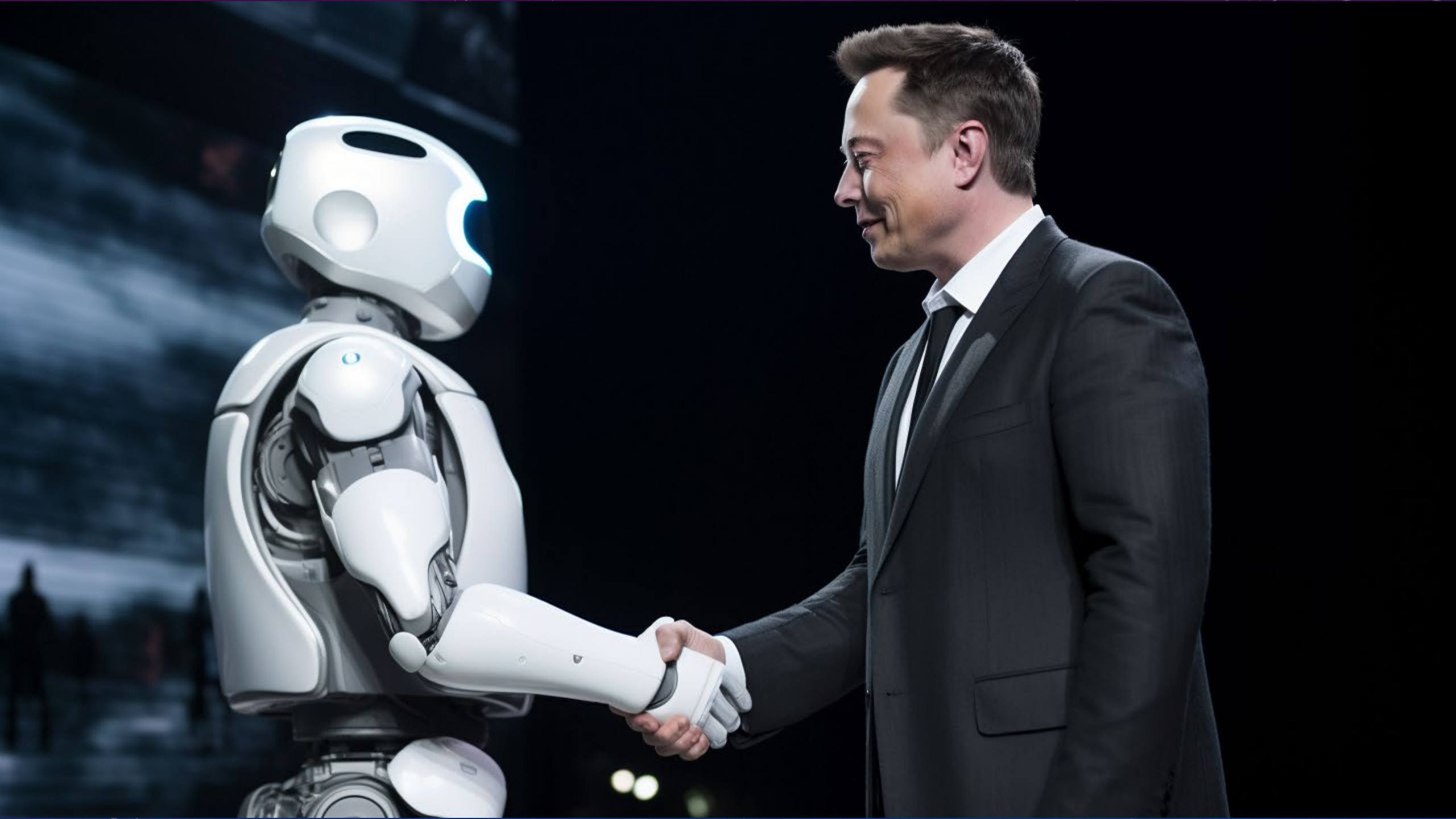
**AIRPORTS AND
AVIATION**



**TRANSPORTATION
INDUSTRY**



CONSTRUCTION





EXELASIS





CYBER SECURITY MISSION STATEMENT

Securing digital landscapes, defending against cyber threats, and preserving data integrity for a safer online world.

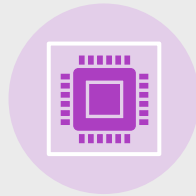
ARE WE ACHIEVING IT?

CYBER SECURITY MISSION STATEMENT

WHY AI IN CYBER IS NEEDED



A broad attack surface.



Hundreds of devices to protect in each organization.



Thousands of attack vectors that cybercriminals can exploit.



A significant shortage of skilled security professionals.



Massive amounts of **data** that have surpassed human-scale processing capacity.





ETHICAL CONSIDERATIONS

The impact of AI is revolutionary.

A fault in AI has larger impact on safety.

“Danger to the public” Elon Musk

Unpredictability requires caution.

AI has no allegiance.

Lack of accountability and regulation.

CYBER SECURITY VS AI



Cyber Security is a driven by **business and profit**.



It is a **cost vs risk** game, where risk is losing.



Too many **politics** are involved in interconnected ecosystem.



Why will AI be any different?



Cyber for hackers is **independent**, and a **personal** objective.



There are **no regulations**.



AI is freely available.

CALL TO ACTION

THERE IS SO MUCH TALK ABOUT AI IN CYBER SECURITY,
BUT WHERE IS THE TALK ABOUT CYBER SECURITY IN AI?

THANKYOU

More in the Workshop!
@ Cyber Bingo



EXELASIS

ELITE CYBER SECURITY

pylones*