



Panel #4 "The Challenges of Adopting New and Emerging Technologies"

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July 2026

- Each emerging technology presents two facets:
 - Ambivalence/Duality Good/Bad
- Ethic interrogations from previous millennia/centuries
 - Metallurgy: in the Bible
 - Invention of writing: myth of Thoth
- So, what for AI?



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- Ethic interrogation from previous millennia/centuries
 - Metallurgy: in the Bible
 - iron makes it possible to make swords (war) and plowshares (agriculture)
 - Invention of writing: myth of Thoth (Θεῦθ)
 - Plato uses the myth of Thoth to demonstrate that writing leads to **laziness and forgetfulness**. In the story, Thoth remarks to King Thamus of Egypt that writing is a **wonderful substitute for memory**.
 - Effects multiplied by printing (Gutenberg near 1450)
- ⇒
 - Short term: diminution of certain skills
 - Long term: creation of new jobs



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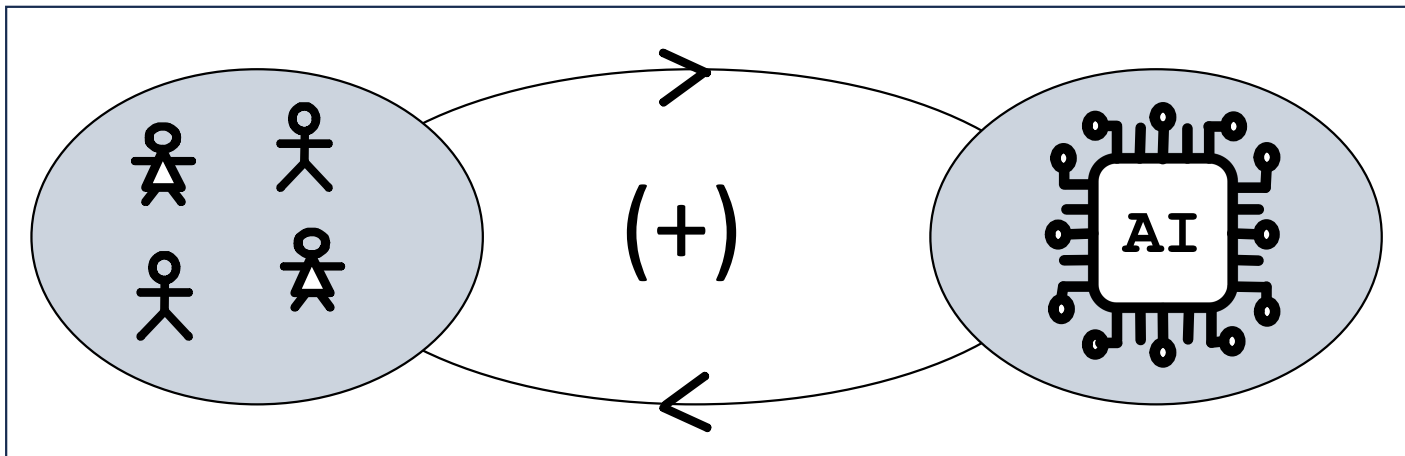
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- So, what for AI?
- Good consequences
 - Powerful systems helping humanity
- Some bad consequences
 - Pope Leo XIV's Encyclical letter *"Disarming AI means freeing it from the mentality of "armed" competition, which today is not limited simply to the military context but is also an economic and cognitive phenomenon"*.
 - Loss in cognitive capacity
 - Workslop = sloppy reports generated by AI demanding more time to other people to correct and enhance it.



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- Synergies between AI and human collective intelligence



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