Critical thinking education as a prevention of AI risks and basis of AI and Open Science based sustainable development

Viktor Zinchenko, Mykhailo Boichenko, Oleksandr Polishchuk, Mykola Popovych, Viktoriia Levkulych

March, 2021Virtual Conferences Meeting

Robots are becoming more and more human-like, and people are learning to interact with them, constantly improving them not only externally, but also internally.

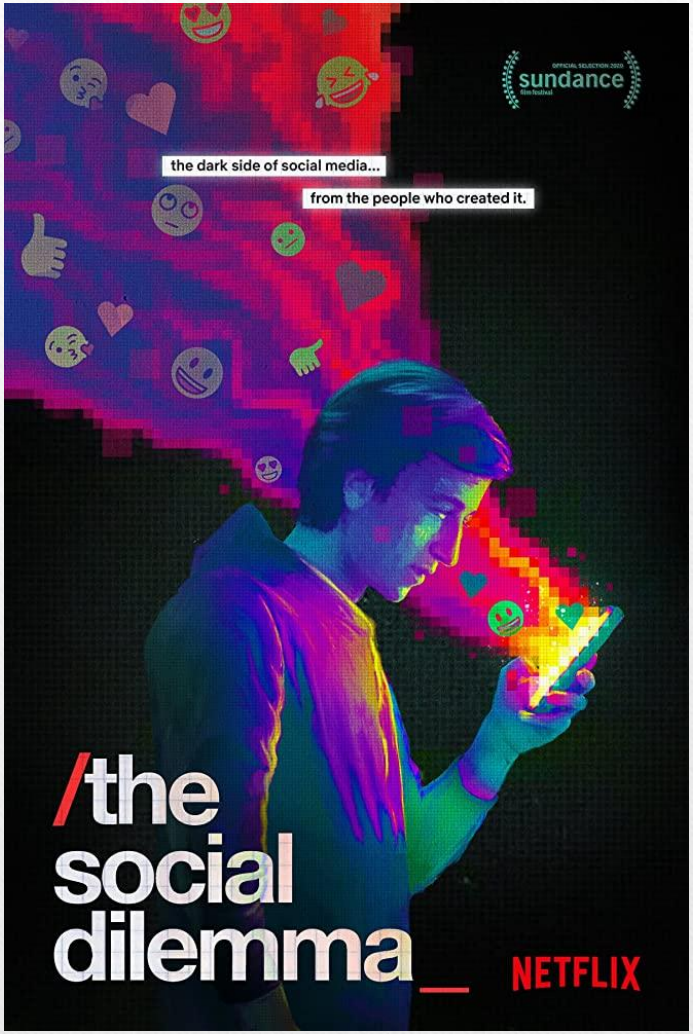
Social networks, where fiction is mostly circulated as news from the right sources, began to flag controversial content. However, in situation of probabilistic truth and doublethink, there is no problem to replace the proper reality with the illusory one: to mark real plots with the sign “fiction” and vice versa. Evolution (both natural-biological and human – organized-social-technological-intellectual, etc.) will necessarily lead to the expansion of thinking, endowed with rights and status of new species.The review of the researches on this issue, which is now coming to the ”forefront” not only in robotics and AI, but also in evolutionary genetics, psychology, philosophy, pedagogy, psychiatry, microbiology, anthropology, neurology and other sciences, shows that the transhumanist approach is becoming increasingly influential, according to which if machines (androids, cyborgs, etc.) acquire the ability to feel and empathize, they will no longer be machines.

Artificial intelligence convert human brain signals into text

Artificial intelligence (AI) was taught to convert human brain signals into text with an accuracy of 97 %. This can be called reading thoughts

Artificial intelligence starts its own autopoiesis

"something has gone wrong"

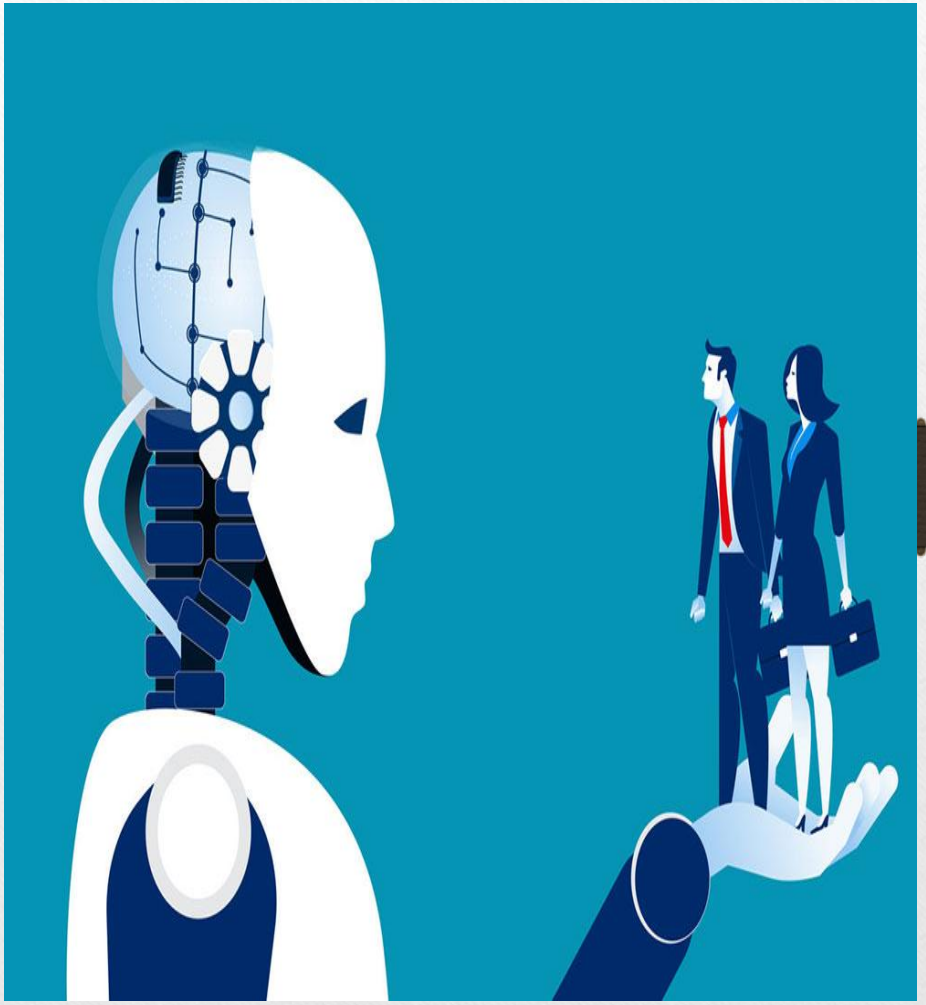


Deep fake and multiple reality produced with help of AI

"In general, people greatly overestimate their ability to distinguish between fiction and truth"

Risks of using AI as a teacher or other source of information

"You need to constantly check and make sure that you receive different information in your life."



Prevention of negative AI influence as an educational task

"Technology itself is not a threat; a threat is that they arouse the worst thing that can happen in society: populism, despair, depression, polarization, ignorance, hatred, election fraud, distraction from real problems"

“

The End

”