

all other vehicles run on biogas, which they produce from garbage (Southern Oscillation response to global warming, 2007).

Thus, global warming is one of the worst phenomena our climate has faced. People need to think seriously about the consequences, because in a few decades the planet may disappear. You need to talk about it and explain it to the people around you. Together we are a force and we will be able to overcome this problem.

References:

1. Climate change in Ukraine and the world: causes, consequences and solutions for counteraction. (2020, November 2). Retrieved from: <https://ecoaction.org.ua/zmina-klimatu-ua-ta-svit.html>
2. Climate change. (2019, May) Retrieved from: <https://necu.org.ua/climate/>
3. Environmental Education Research. (2007, January). Retrieved from: <https://sci-hub.mkسا.top/10.1080/1350462042000291029>
4. Southern Oscillation response to global warming. (2007, August 7). Retrieved from: <https://sci-hub.mkسا.top/10.1073/pnas.0710860105>
5. Norwegian recipe for clean air and environment. (2019, March 20). Retrieved from: <https://rubryka.com/blog/norvegiya-chyste-povitrya/>

PROSPECT OF ARTIFICIAL INTELLIGENCE

Roman Tkachenko

Faculty of Heat Power Engineering,

National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”

The future is always associated with artificial intelligence. One part of humanity is afraid of very fast progress and think that with new discoveries in this industry, we doom ourselves to death. The other part believes that artificial intelligence is the future. Fortunately, we are a part of this event and can be watching for this development.

Famous people in the field of science also speak out about artificial intelligence. Elon Musk considers that this technology will surpass people in five

years. His direct quote: “Worth reading Superintelligence by Bostrom. We need to be super careful with artificial intelligence. Potentially more dangerous than nukes”.

Many people are familiar with Turing’s test. The general idea of this experiment is to prove to the judge who you are: a machine or a person. It happens this way, the observer asks a question or gives a topic to both participants in the conversation, whom he does not see. After all the dialogue, the judge must decide which of the two participants is the person. Turing predicted that by the year 2000 computers would be able to fool 30 percent of human judges after five minutes of conversation. Fortunately, or unfortunately, none of artificial intelligence did pass this experiment successfully in our days. In this stage of development, humanity is trying to succeed in solving Turing’s problem, improving this technology more and more every year.

Right now, we are not able to create artificial intelligence that can solve a range of different types of questions. All technologies developed by this day are narrowly focused. For example, popular Deep Blue is famous in chess games only. It can not solve any medical problems or help people with writing composition. Many people hope that machines could be able to think and make a decision like a human. It means that one mechanism will be adaptive to different types of problems in various situations.

Many global companies start to make cars with autopilot. In the nearest future, they plan to make full-automatically road traffic. It will help to deal with the problem of traffic jams. This year were a lot of situations when Tesla autopilot predicted crashes and saved these owners’ lives.

Artificial intelligence takes a big part in the study of history. It gives an opportunity to get knowledge about some person or period without real facts, based on the information you have only. Stand on anthropometric data obtained from the death mask of the great poet and stories in historical documents about him, the voice of Taras Shevchenko was recreated. Developers created a 3D model that can read poems like Kobzar.

To my mind, this technology is very important for humanity. Right now,

millions of people suffer from loneliness, artificial intelligence can be the decision of this problem. In the nearest future people will make a friendship with robots. Another part of future activity for neural networks is related to climate prediction. This development branch will help people to stop global warming and make our planet better. And there are many examples of machine learning that will be beneficial.

Scientists consider if we take the evolution of this technology under our control, then people have nothing to fear. But they forgot about one moment, artificial intelligence has the ability to constantly learn, so any obstacle for it will not be a barrier and it can effortlessly bypass it. Therefore, there can be no talk of any control. It remains for us either to fall under the power of artificial intelligence and receive many advantages or to abandon the idea of developing this technology altogether.

References:

Christian, B. (2012). *The most human human*, 4-5.

Crider, J. (May 4, 2021). Tesla Autopilot Vs. Bad Drivers: 25 Stories of How Autopilot Saved Lives. Retrieved from <https://cleantechnica.com/2021/05/04/tesla-autopilot-vs-bad-drivers-25-stories-of-how-autopilot-saved-lives-video/>

Greenemeier, L. (June 2, 2017). 20 Years after Deep Blue: How AI Has Advanced Since Conquering Chess. Retrieved from <https://www.scientificamerican.com/article/20-years-after-deep-blue-how-ai-has-advanced-since-conquering-chess/>

World today news (August 21, 2021). Taras Shevchenko's voice restored. Retrieved from <https://www.world-today-news.com/taras-shevchenkos-voice-restored-video/>