



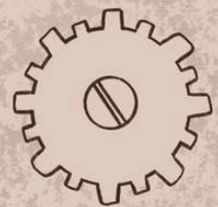
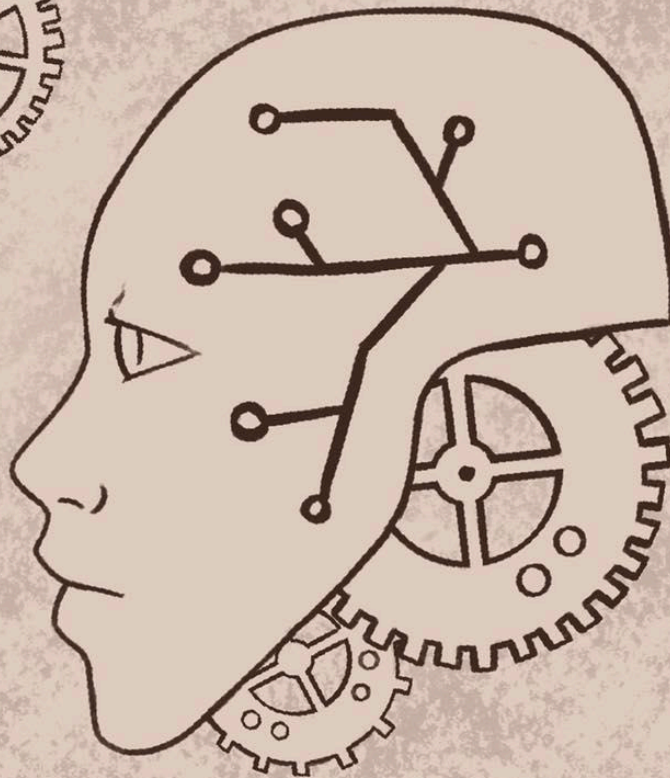
GAM

RESEARCH

PRESENTS



Artificial intelligence
does it live among us?



IN COOPERATION WITH PLUGin





GAM Research is a part of the Global Awareness Movement. It is an initiative that combines all of our research work in one place. You can find all data, statistics and knowledge we have gathered while working on our projects here. We believe it is extremely important to explore deeply what we are passionate about as it is the best way to learn. This whole process is done in collaboration with experts from different fields, which allows us to maintain professionalism while discovering new things in a creative way.

-Karolina Sosnowska



Report on survey about knowledge experiences related to artificial intelligence

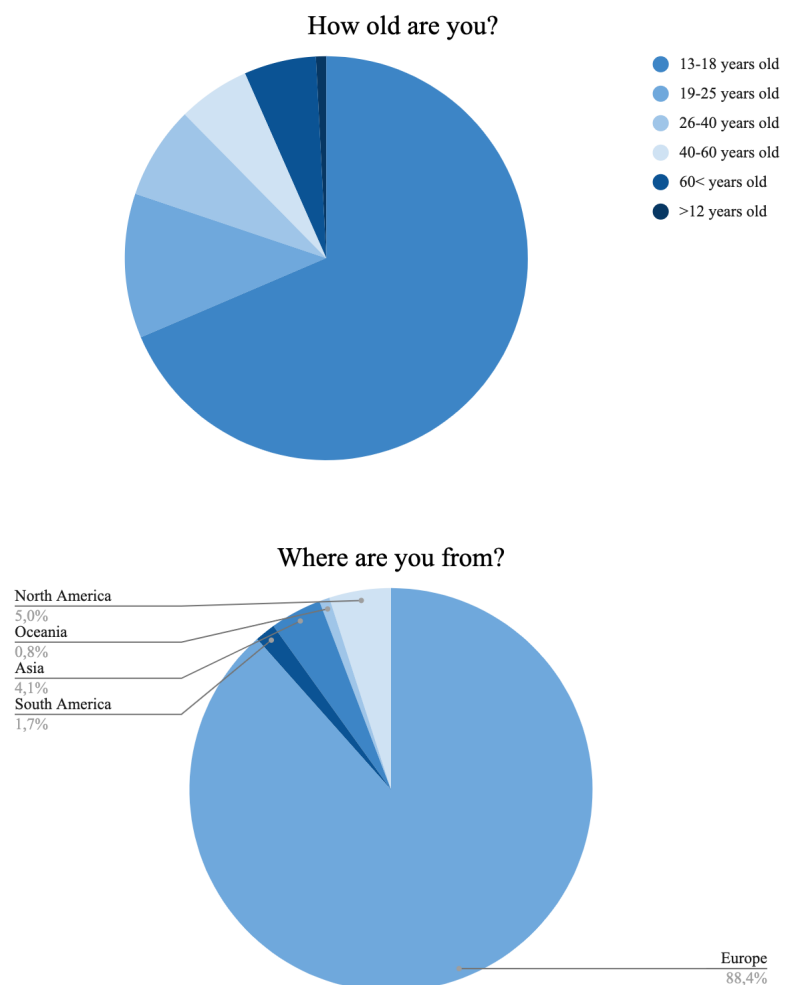
by Aleksandra Bubińczyk with mentorship of Marcin Bartosiak, PLUGin, Pavia University

The objective of the Special Edition project is to present research and information on AI in a youth friendly manner, as in my opinion, teenagers are a critical group consumers of the future technical breakthrough that will change the face of the world we live in. That's why I decided to conduct a survey whose goal is to investigate the knowledge and experiences related to artificial intelligence among people around the world.

I have been collecting data from my questionnaire for over two months. I have answers from every age group but mostly our respondents were between 13 and 18 years old.

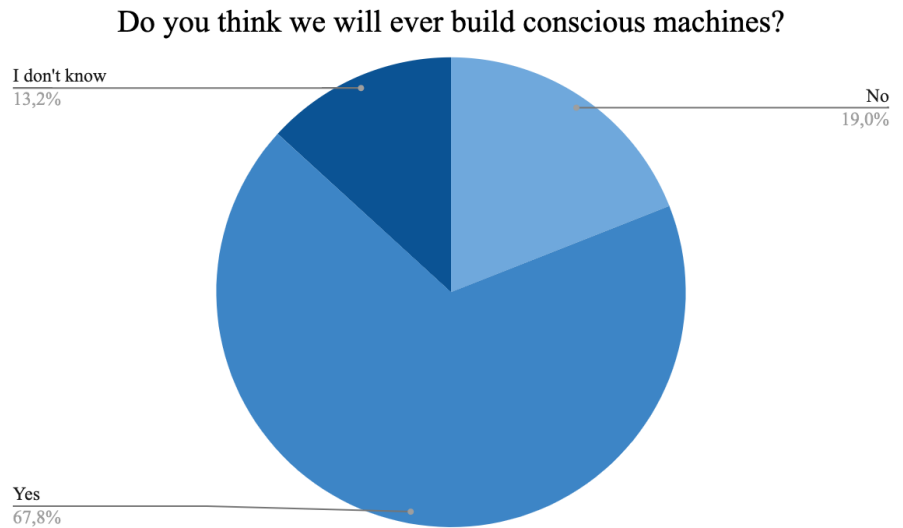
I am really happy with this result because in my opinion, they are a critical group consumers of the future technical breakthrough that will change the face of the world we live in. Almost 90% of all participants were from Europe, we have also reached people from Asia, Oceania, North and South America. The only continent that there is no data from is Africa. I believe that this is because the community in this part of the world has bigger problems like fighting hunger and poverty. I also asked about gender mainly because I wanted to see if

the stereotypes concerning girls' lack of interest in technology will turn out true. To be honest I hoped that I could overthrow this common belief and now I am



happy to announce that female responders beat male by 5%. I think that these days the number of girls in technology is constantly increasing due to more female role models and many organizations strictly reserved for women.

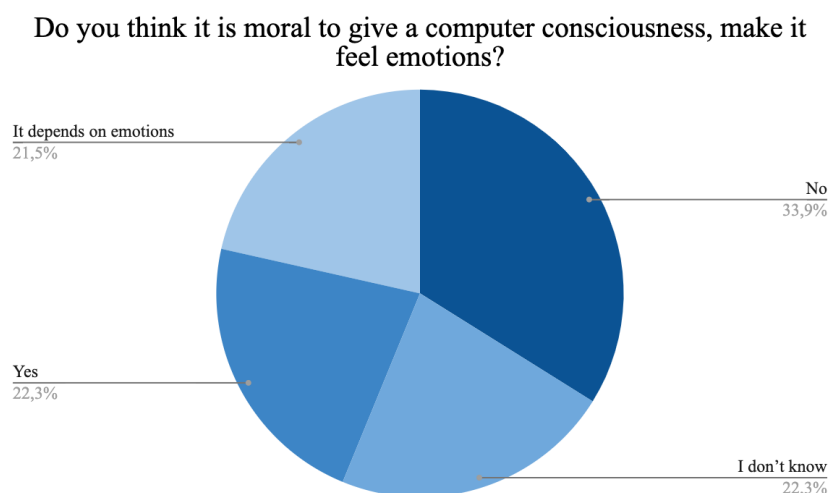
The first important question was about the ability to build conscious machines in the future. As I predicted the majority of participants in the survey are positive about this. I am sure that if you look closely at the graph portrayed above you can spot a response “I don’t know”. During checking out the results of my questionaree I noticed that this is quite a common response.



Next question was an open response. Respondents were asked about their definition of Artificial Intelligence. In my opinion it is a really interesting topic so I decided to devote a whole article to it. You can find it in the GAM Times Special Edition on Artificial Intelligence.

In my opinion, we can more easily discover the feelings or thoughts of others on a particular topic from associations. That’s why I created a possibility in my survey for everyone to express their own associations. The most common responses were: technology, science fiction, robots, computer, matrix, the end of the world and future.

Is it moral to give a computer consciousness, make it feel emotions? That's one of the greatest dilemmas



discussed by

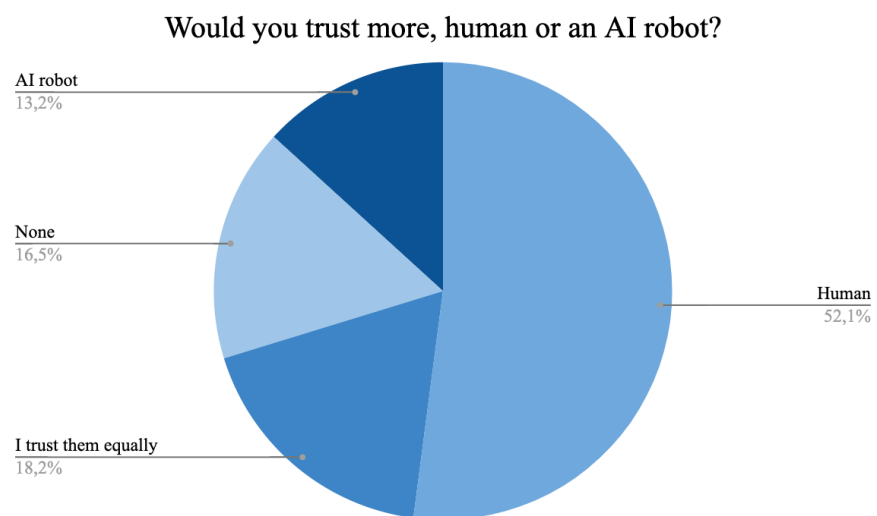
philosophers and technologists. On one hand we would make the machines feel happiness, love, excitement or curiosity. On the other hand there are emotions like sadness, anger, despair, fear and jealousy. As you can see on the graph opinions are almost equally divided.

I was curious if people know where AI is present in everyday life. So to put my mind to peace I asked participants of the survey. I saw multiple answers like: I don't know or nowhere. Thanks to these responses I can see where information is lacking and try to fill that gap in my special edition. Apart from the "I don't know" answer there were many replays containing: mobile phones, computers, siri and alexa, algorithms studying people preferences and tesla. Those who placed one of these answers were right. Artificial Intelligence is now present in virtual assistants, healthcare and medical imaging analysis, autonomous vehicles, web search, smart homes, cybersecurity and manufacturing.

Most of the respondents chose humans as more trustworthy rather than AI robots. These days thanks to science fiction our society is scared of Artificial Intelligence destroying the world we know.

That's why I am

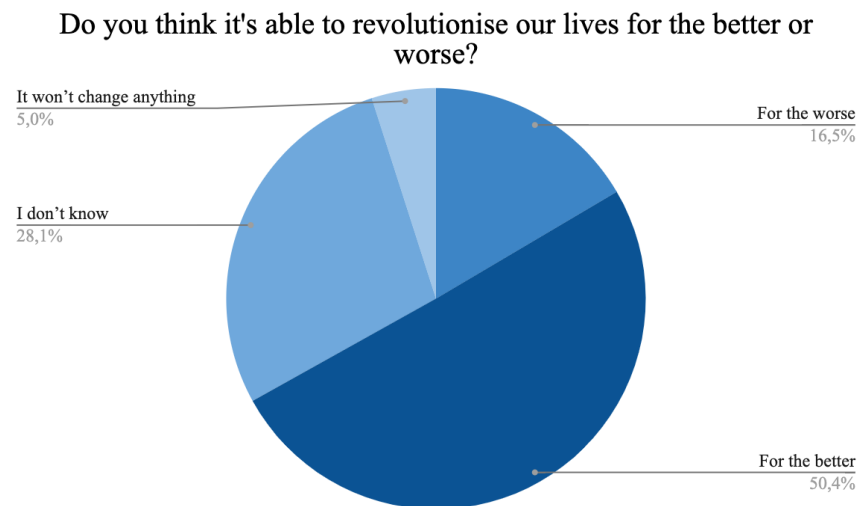
positively surprised by the number of people who opted for AI robots or "I trust them equally" option. If you want to learn more about trust in AI go to the GAM Times Special Edition on Artificial Intelligence where you can find an interview with Mrs Alka Roy the Founder of The Responsible Innovation Project, RI Labs and a guest lecturer on Responsible Innovation & AI at UC Berkeley.



Artificial Intelligence is often associated with the future, flying cars, and space travel.

There are a great number of entertaining movies where it is portrayed as an ideal world. Half of the participants to

this questionnaire asked the question “Do you think it’s able to revolutionise our lives for better or worse?” replied with -for the better. There is a great number of people who are not sure about the future impact of AI on our lives.



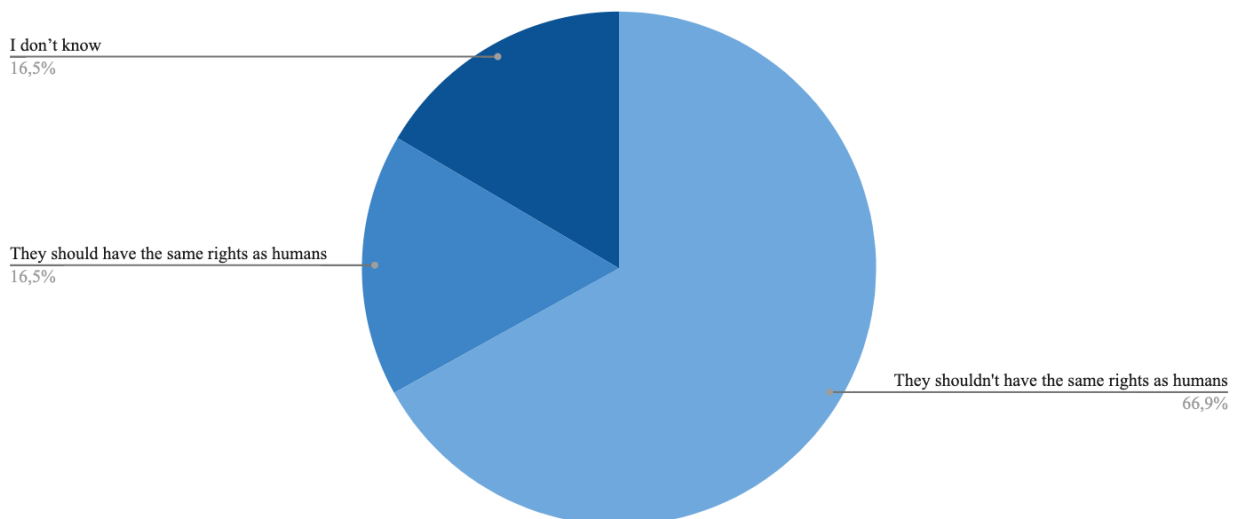
Here are some answers to the question - What may be the dangers from giving AI control over some aspects in our lives and work?

- We might give AI control too early and risk people’s lives because of it. I’m talking: a breakdown, break in energy supply, etc.
- It could sound kinda funny but maybe machines could somehow start to influence on us, on our emotions, what we think etc
- Living in a matrix, split personality, not knowing what is true or false
- People's with less IQ and more predisposed for studying o programming will drastically loss opportunity of jobs
- Moment where its understanding of the world gets so complex that we can't understand the reasoning behind the decisions made that affect us.
- The moment when artificial intelligence will surpass human intelligence and we will not be able to control it.
- We would trust too much in their perfectness, so we wouldn’t be checking everything properly, plus we might be losing our jobs due to the fact that they will be probably cheaper and working longer (won’t be needing breaks)
- If it would be 'living' in the cloud it could be hacked, and all of its data could be either wiped, or leaked and if an AI had some of your very private or important data you could be fired from work, tracked down by hacker/s and for example captured or barganned

- Depending on the aspects, for tasks such as data analysis, the dangers are that the mechanism is faulty and it produces wrong results. Giving AI control over our lives is dangerous in a sense that AI is created by humans and if it's biased by default, it is because we as humans are biased. So dangers coming from it are the same as just giving a group of people control over our lives.

The last question of the survey is “Should AI or truly intelligent robots have the same rights as humans if they were living among humans or are they destined to continue serving humans as machines forever?”. I think that the results of this particular question are really interesting. Previously I asked about the trust where the majority opted for humans as more trustworthy. But if you summarize the percentage of people who chose AI robots and equal trust, you get twice the number portrayed on the graph below of responders who said that they should have the same rights.

Should AI or truly intelligent robots have the same rights as humans if they were living among humans or are they destined to continue serving humans as machines forever?



In conclusion, looking at all the data portrayed above our society is positive about development of consciousness machines but not really sure about the things associated with it like: trust, rights, ethics. For those who answered with "I don't know" I hope that after reading this report and articles included in this special edition you will find your answers.