

# **TECHNOLOGICAL BREAKTHROUGHS: THE PAST, PRESENT AND FUTURE**

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Over the last 60 years science and technology have completely changed. New types of information processing, brilliant inventions and technological progress – all of these contributed to the change of the world. The technology has advanced so much that all the things that humanity considered impossible to reproduce is now available to the public.

For example, in 1955 Percy Spencer has invented the magnetron that cooks with high-frequency radio waves. Spencer’s magnetron was called a microwave oven that is being used for half of century. On the other hand, in 1962 MIT programmers have written Spacewar – the first video game. Nowadays video games are very popular, and game developers make crazy money from making video games.

But what really changed the world is invention of the first cellular phone in 1973 by Martin Cooper, leader of Motorola’s cellphone team. At present we have two competing brands of phones – Samsung and Apple, but there are too many progressive cellphone manufacturers, as Meizu, Lenovo, LG and others. We can not

imagine the life without cellphones, because we really got used to them and It would be hard for us to reject using a cellphone.

And what do we have now? All these inventions have led to that science and technology began to evolve even more rapidly. Hybrid cars, color plasma displays, flash memory, Bluetooth, GPS, Search Engines, Wi-Fi, Audio and Video editing, instant messaging – all of these were created over the last decade.

We can consider such scientific progress as an ever-increasing function, so it means that in future It will develop even more. It is never easy to predict the future, but we have some concepts and ambitious ideas. For example, scientists are trying to produce nanoparticles that will make chemotherapy more effective. Also there is an idea of making self-cleaning clothes, synthetic meats for vegetarians, digitizing all books on the planet, and of course robotics. The last one will surely make our life easier, but when will robotics turn out to be perfect?

## **REFERENCES**

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