## padlet

# Nikola Tesla

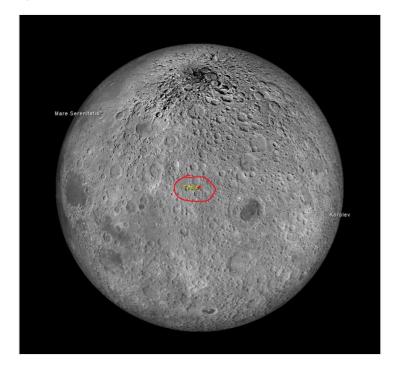
Nikola Tesla is the father of radio astronomy

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#### **Tesla Crater**

Size: Dimension: 43.0x43.0Km / 25.0x25.0Mi

Position: Dark side of the Moon Longitude: 124.725° East Latitude: 38.364° North Side: Farside Quadrant: North-East



**Remote Control Robots** 

**Cosmic Radio Waves** 

On July 4, 1997, the NASA Explorer robot Sojourner landed on Mars and became the first radio-guided vehicle to roam the surface of the Red Planet. Nikola Tesla made this historic event possible.



**Nikola Tesla** is the father of radio **astronomy**, in his laboratory in Colorado Springs, Colorado, in 1899 he recorded cosmic radio waves. The cosmic radio waves were emitted from hydroxyl molecules of interstellar gas clouds and the envelopes of Red Giant Stars. They are very important for the exploration of cosmos.



### **Remote Control Robots**

Tesla also worked on using radio waves to control robots. In 1898, Tesla filed and received a patent for a radio remote control. Furthermore, in May 1898, at Madison Square Garden in New York City, he publicly showed a robot moving by radio waves.

Nikola Tesla

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Izradila Ira Stanić 6A





Nikola Tesla was born on 10<sup>th</sup> June 1856. In Lika in village of Smiljan. He was a Croatian and American electrical engineer and inventor. He attended high school in Gospić and then in Rakovac near Karlovac, where he graduated. He spent most of his life in New York, where he invented great

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"We are getting messages from the clouds one hundred miles away, possibly many times that distance. Do not leak it to the reporters." (Nikola Tesla, 1899)

Radio telescopes are some of the most powerful telescopes used by astronomers to discover objects in the universe. The great inventor Nikola Tesla has been credited with his radio wave contribution to space exploration.

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