

DO

# PHYSICS

Over the years, physics has changed the world and physicists all over the world have revolutionized science, so be part of this evolution

~560 000  
YEARS

## PREHISTORIC MANS

make a fire with the friction of the wood and the impact of the stones which were then a source of heat



## 1564/1642 GALILEO GALILEI

- 1592 Invention of the thermometer.
- 1609 First astronomical observations with telescopes.
- 1610 Observation of sunspots with a telescope.
- 1610 Discovery of the four main satellites of Jupiter.

## 1643/1727 ISAAC NEWTON

He developed the theories of gravitation in 1666. In 1686, he presented his three laws of motion. By developing his three laws of motion, Newton revolutionized science.



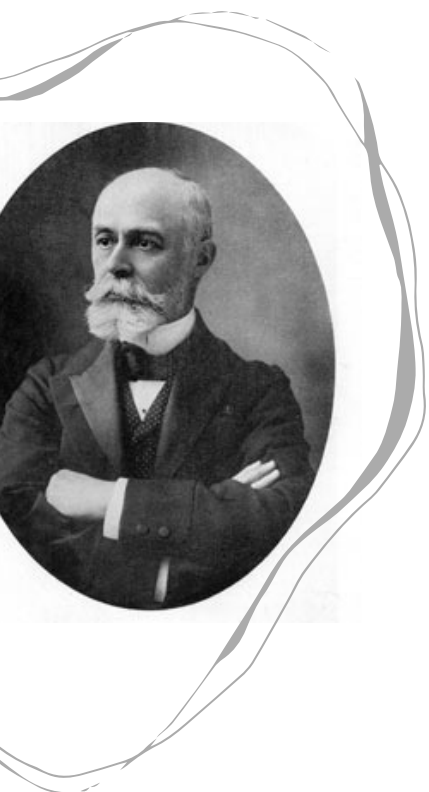
## 1745/1827 ALESSANDRO VOLTA

Alessandro Volta was a physicist, chemist and a pioneer of electrical science. He is most famous for his invention of the electric battery. In brief he : Invented the first electric battery – which people then called the “voltaic pile” – in 1800.

## 1831/1879 JAMES CLERK MAXWELL

In his formulation of electromagnetism, Maxwell described light as a propagating wave of electric and magnetic fields. More generally, he predicted the existence of electromagnetic radiation: coupled electric and magnetic fields traveling as waves at a speed equal to the known speed of light.





## 1852/1908 ANTOINE HENRI BECQUEREL

the first person to discover evidence of radioactivity. For work in this field he, along with Marie Curie and Pierre Curie, received the 1903 Nobel Prize in Physics. The SI unit for radioactivity, the becquerel (Bq), is named after him.

## 1867/1934 MARIE CURIE

Marie Curie was a Polish and naturalized-French physicist and chemist who conducted pioneering research on radioactivity. She is remembered for her discovery of radium and polonium, and her huge contribution to finding treatments for cancer.



## 1879/1955 ALBERT EINSTEIN

Albert Einstein, in his theory of special relativity, determined that the laws of physics are the same for all non-accelerating observers, and he showed that the speed of light within a vacuum is the same no matter the speed at which an observer travels, according to Wired

## 1906/1972 MARIA GOEPPERT MAYER

Maria Goeppert Mayer was a German-born American theoretical physicist, and Nobel laureate in Physics for developed a model in which nucleons were distributed in shells with different energy levels. The model reflected observations of directions in which nucleons rotated around their own axes and around the center of the nucleus.



## 1918/2020 KATHERINE JOHNSON

Katherine Johnson was an American mathematician whose calculations of orbital mechanics as a NASA employee were critical to the success of the first and subsequent U.S. crewed spaceflights.



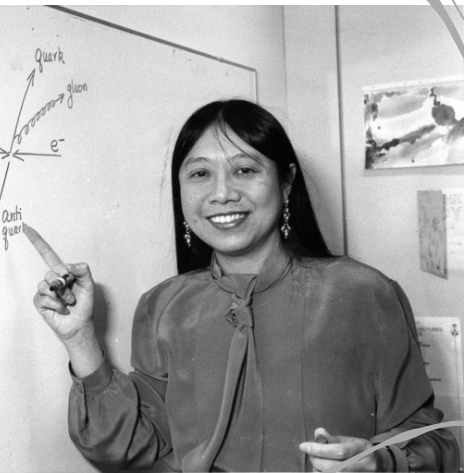
## 1920/1958 ROSALIND FRANKLIN

Rosalind Elsie Franklin is the brilliant chemist whose x-ray diffraction studies provided crucial clues to the structure of DNA and quantitatively confirmed the Watson-Crick DNA model



## ~1940/... SAU LAN WU

Sau Lan Wu, is a physicist who took a particular interest in particles by discovering quarks and gluons, then really changed the course of scientific history by helping to discover the Higgs boson particle.



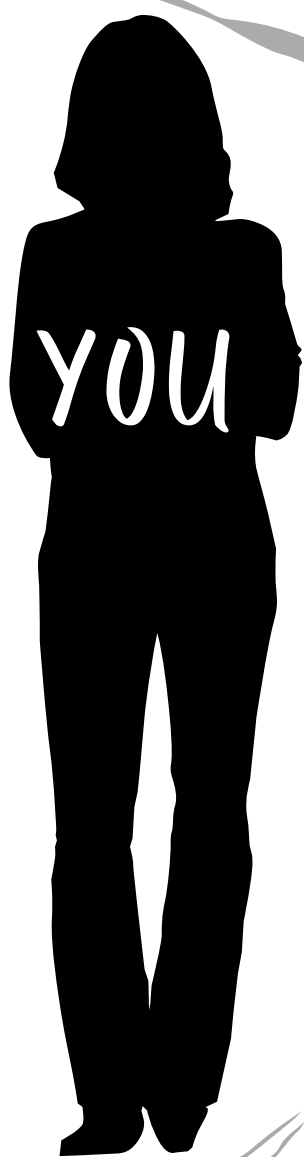
## 1942/2018 STEPHEN HAWKING

Stephen Hawking was an English theoretical physicist, cosmologist, and author who worked on the physics of black holes. He proposed that black holes would emit subatomic particles until they eventually exploded.



## 2022 - YOU

There have been many people who, thanks to physics, have revolutionized our daily lives and the greater world in general. So, do physics, be the next to change history, write your name among the geniuses of this world.



MATHILDE DE BRAUCOURT

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