

# LISE MEITNER

Occupation  
Physicist

Nationality  
Austro-Hungarian

Famous Quote  
*'Life need not be easy,  
provided only that it is not empty'*



Lise Meitner is considered by some to be the most significant female physicist of the twentieth century.

## BIRTH

Lise Meitner was born on the 7th November 1878 in Vienna, Austria.

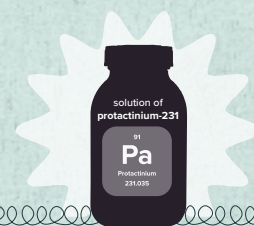
## FIRST WOMAN IN GERMANY TO RECEIVE DOCTORATE

When Lise Meitner was studying, Universities in Germany did not admit women. Despite this, she studied physics privately and became the second woman in the world to earn a doctorate degree, the first in Germany.



## DISCOVERED PROTACTINIUM

Working with the chemist Otto Hahn, Meitner discovers the radioactive element protactinium and receives the Leibniz Medal from the Berlin Academy of Sciences.



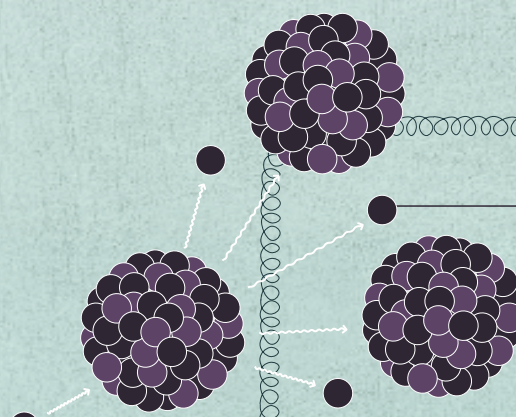
## PROFESSOR OF PHYSICS

Becomes the first woman in Germany to hold a full professorship at the University of Berlin.



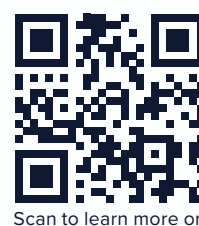
## NUCLEAR FISSION RESEARCH

Worked on nuclear fission, but the research was interrupted due to the rise of the Nazi party in Germany. Meitner left in the summer of 1938 to settle in Sweden as she was Jewish.



## ATOMIC BOMB

Meitner's research on fission inspired Albert Einstein and Leo Szilard to contact President Roosevelt. This led to the formation of the Manhattan Project and the creation of the nuclear atomic bomb. Meitner highly disapproved of the use of nuclear fission by the American military.



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