



MATILDA



EFFECT

Pionierinnen der Forschung Female Pioneers
of Research

Part 2:
Lise Meitner



BESSer@KIT





Lise Meitner (1878-1968)
nuclear physicist & radiochemist

She earned her doctorate in 1906 at the University of Vienna and later worked in Berlin, where she was one of the first women to receive a professorship in physics.



Together with Otto Hahn and Fritz Strassmann, she isolated the isotope protactinium-231 and investigated the products of neutron irradiation of uranium.

In 1938, she had to flee Nazi Germany due to her Jewish heritage and settled in Sweden.

There, she worked with her nephew Otto Frisch and coined the term 'nuclear fission'.



Lise Meitner's work was crowned
with the Nobel Prize for Otto Hahn."
-Renate Feyl

Lise Meitner was nominated for the
Nobel Prize 48 times (in Physics and
Chemistry)!

Many famous colleagues nominated
her: Max Planck (who nominated her
no less than seven times!), James
Franck, Niels Bohr, Max Born, and
many others.

She never received it.

