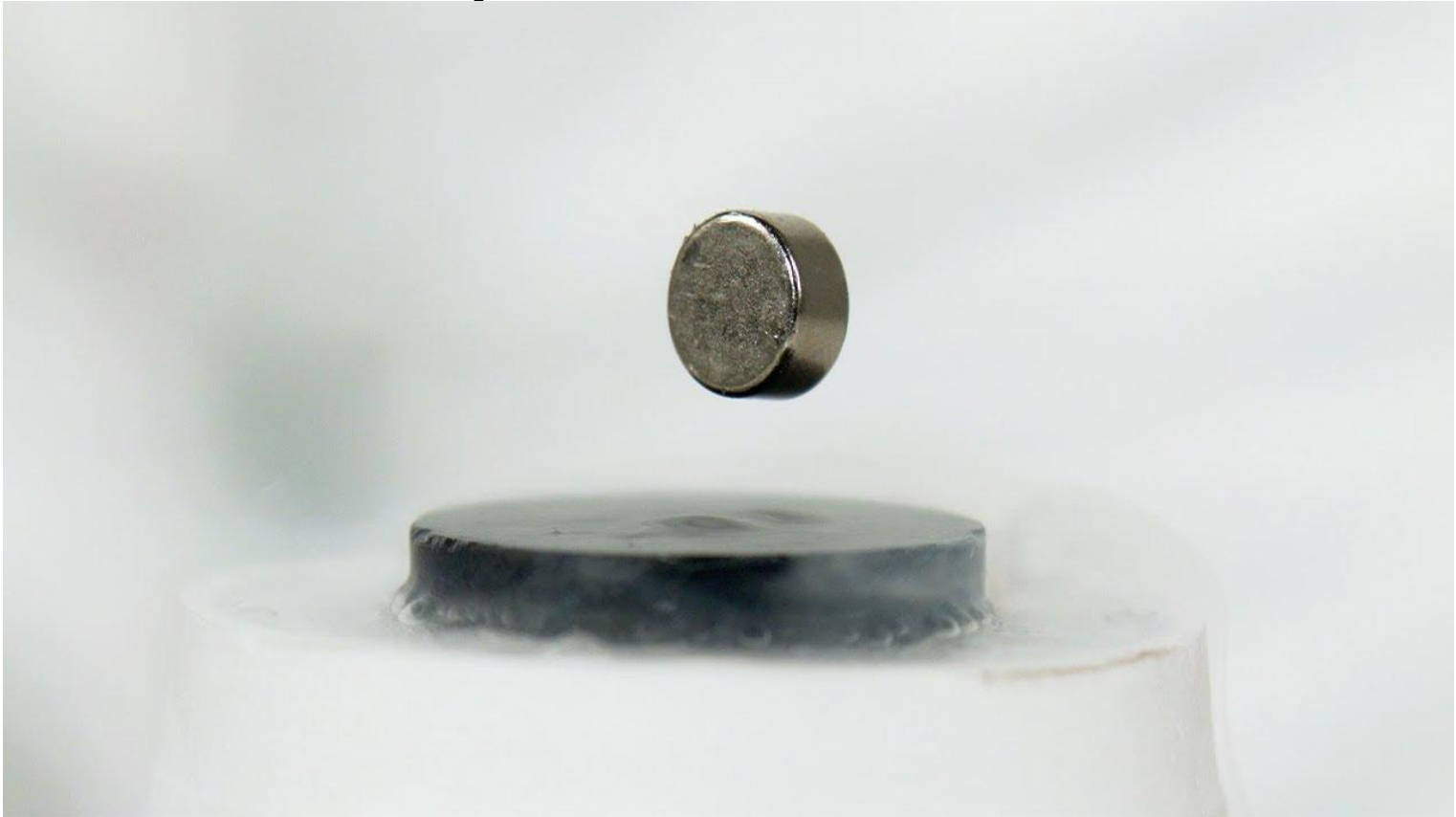


Superconductors



Areschenkov Dmitry
IU6-45

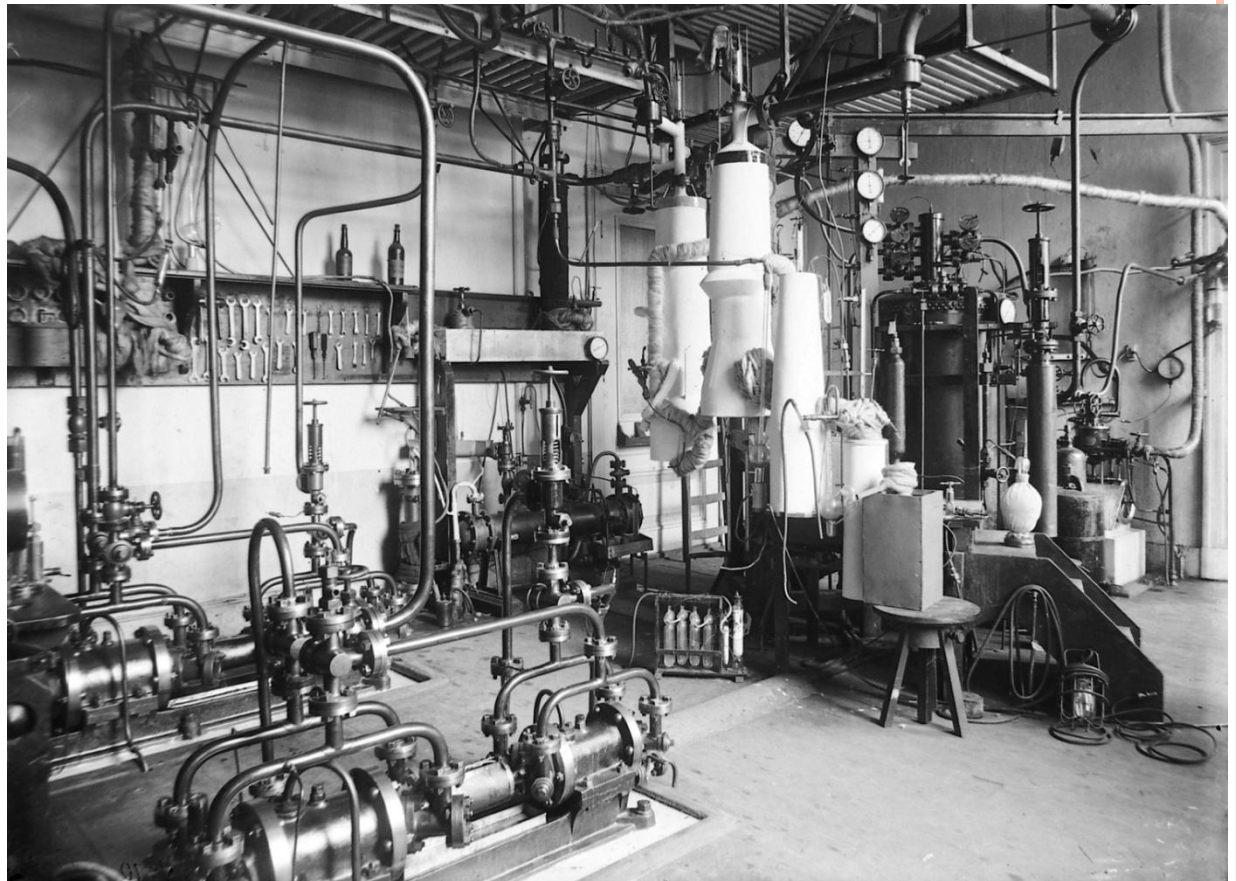


Plan

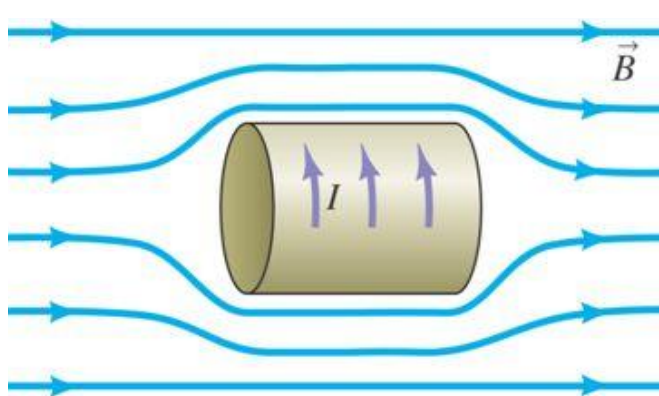
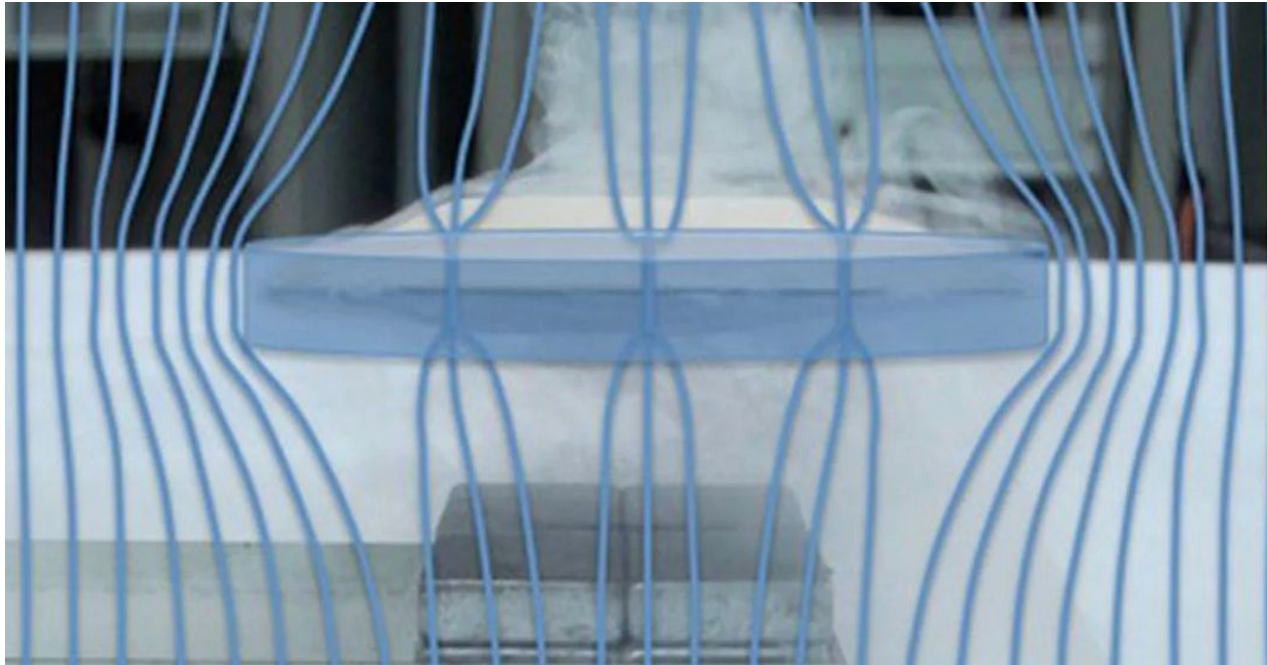
- Superconductivity
- Types of superconductors
- Important properties
- Applications of superconductors



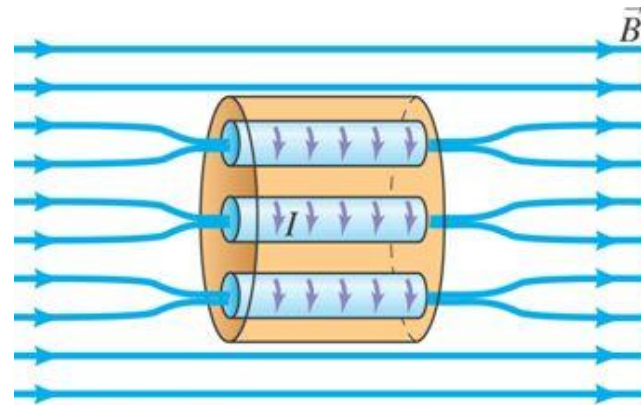
Superconductivity was discovered by Heike Kamerlingh Onnes in 1911



There are two types of superconductors.



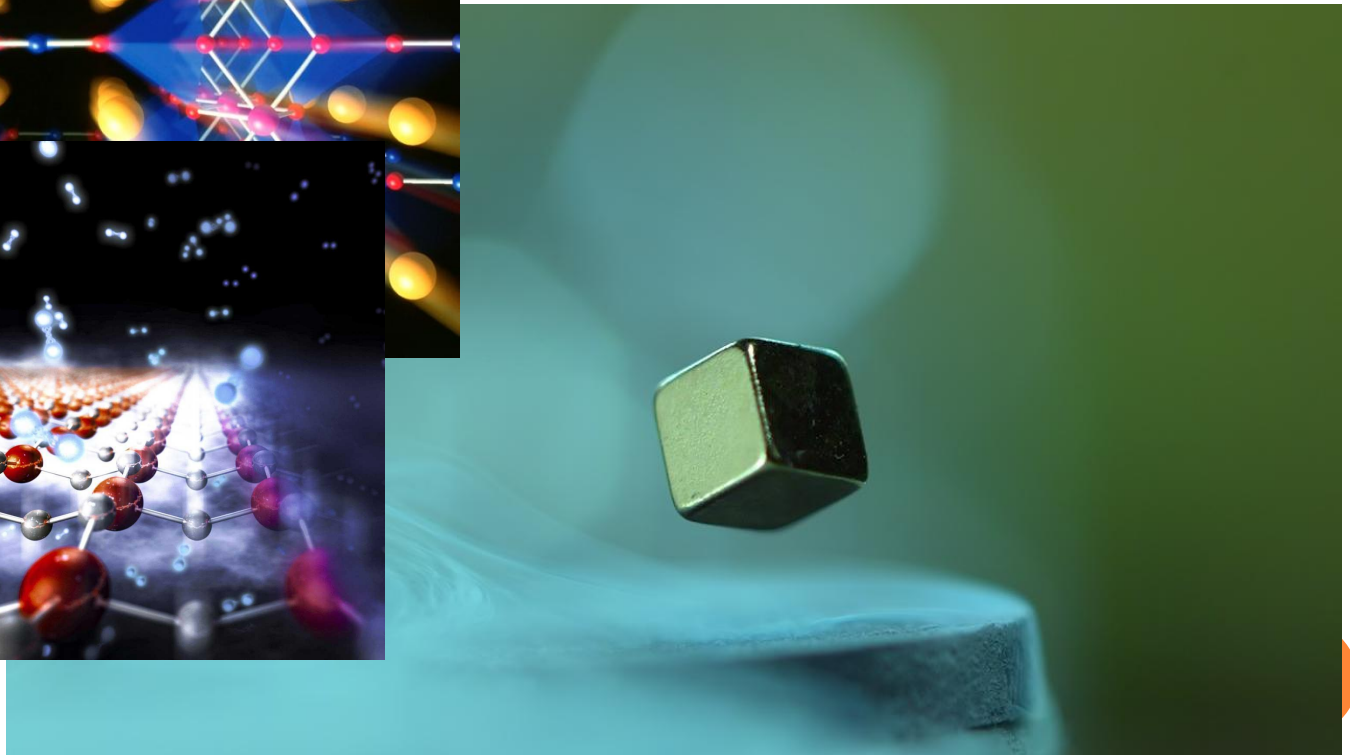
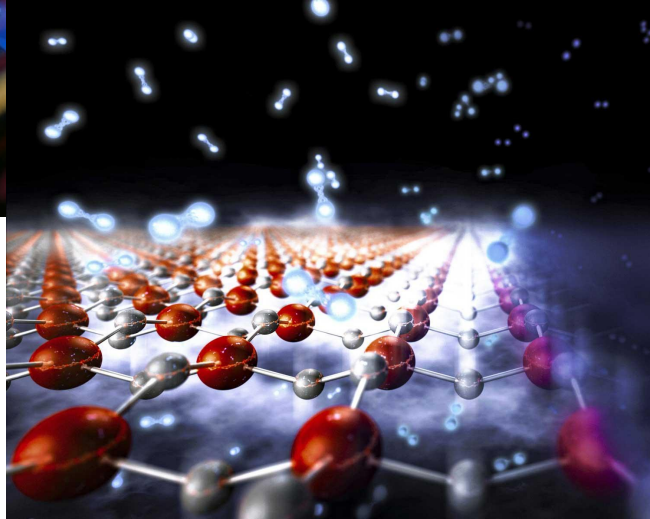
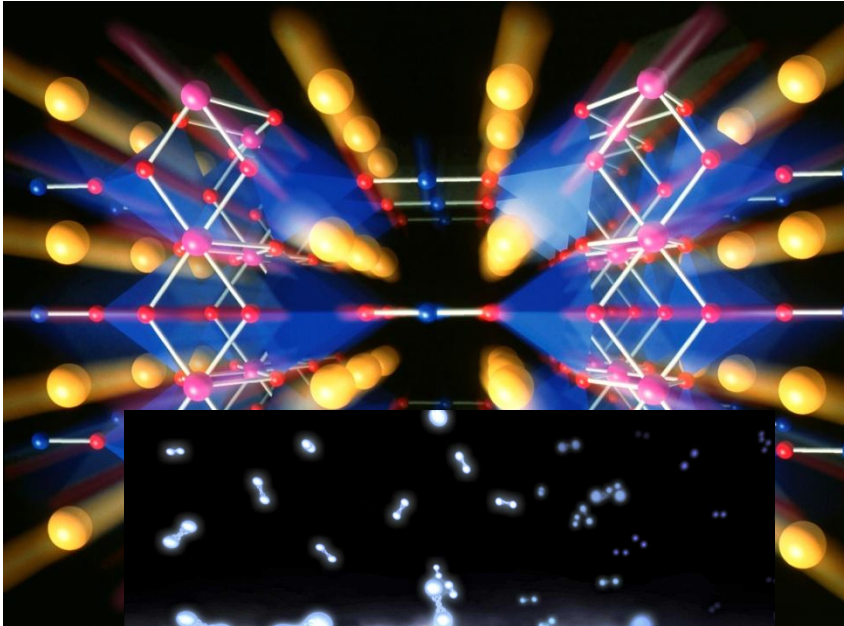
Type I superconductor



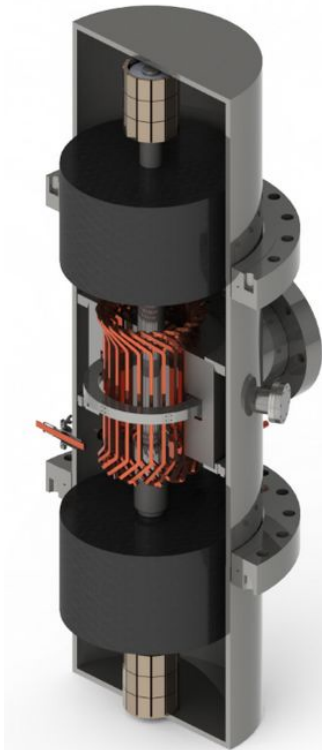
Type II superconductor



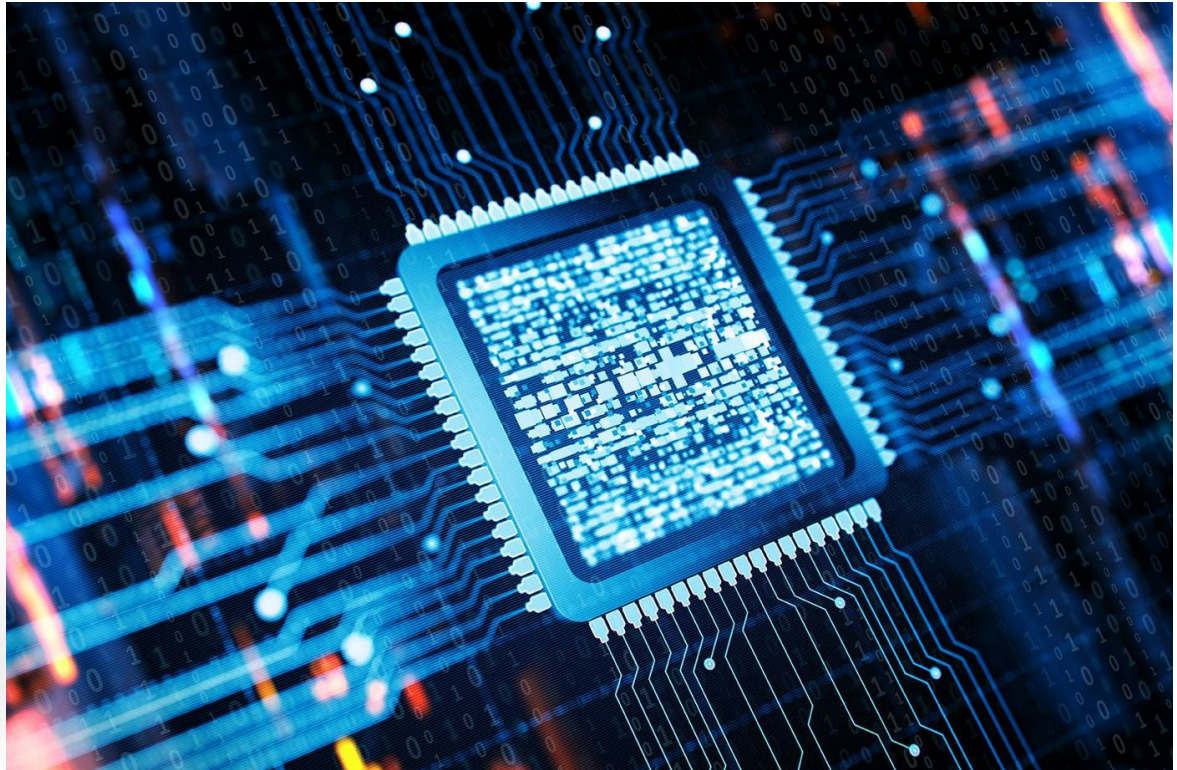
Some of the important properties of superconductors



Important applications of superconductors



Energy storage



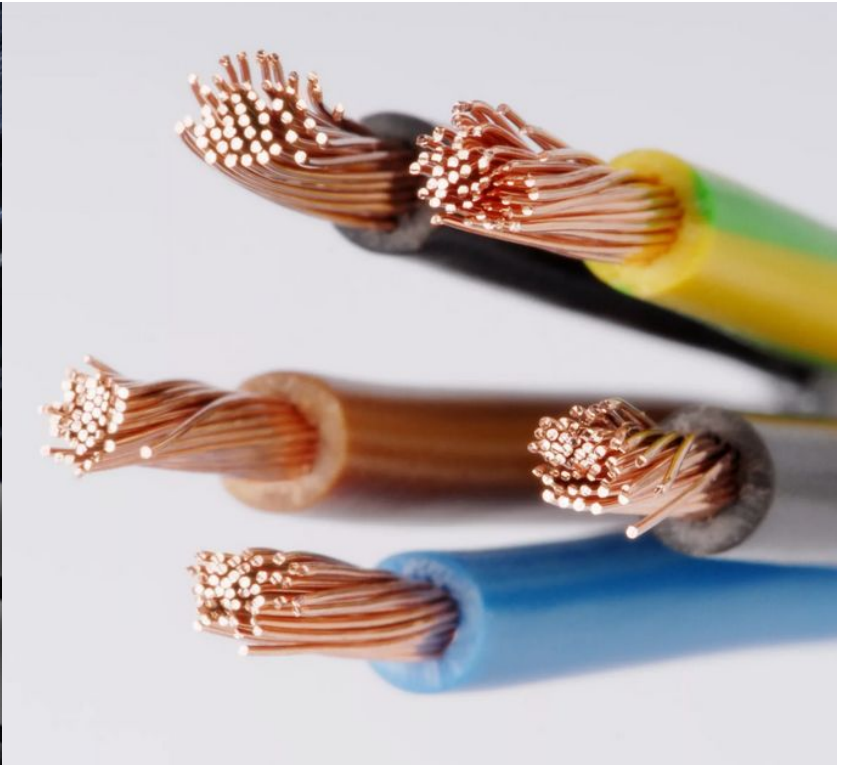
Logic and storage functions



Important applications of superconductors



Transportation



Power cables



Check your temperature
to detect properties

Avoid close contact and keep a distance
of 6 feet from strong magnetic fields

Stay superconductors

