

# X ray tube: the beginning



Ask Mish



- X ray : discovered by **Wilhelm Roentgen** in **1895** while studying a Crookes tube. In 1901 he receives the 1st Nobel Prize.
- History of tubes: **Geiger**->**Crookes** ->**Coolidge** (today's tube)
- **Main difference** btw them is the **source of free -e** : ionization of gas in Geiger and Crookes vs free -e emitted by heating cathode made of tungsten in Coolidge