

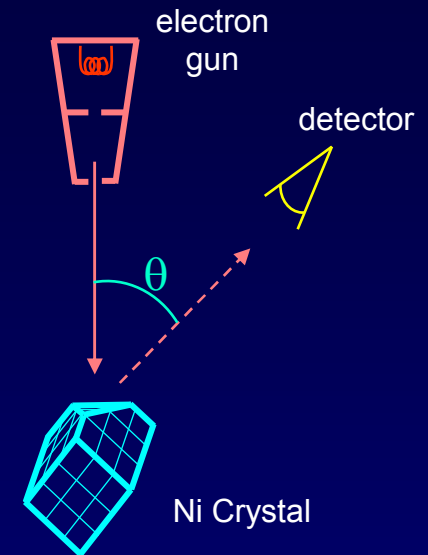
# Matter Waves

Interference demonstrates that matter (electrons) can act like waves. In 1927-8, Davisson & Germer\* showed that, like x-rays, electrons can diffract off crystals !

Electrons can act like waves,  
just like photons!

You'll study electron diffraction in discussion.

\*Work done at Bell Labs, Nobel Prize



Interference peak !

