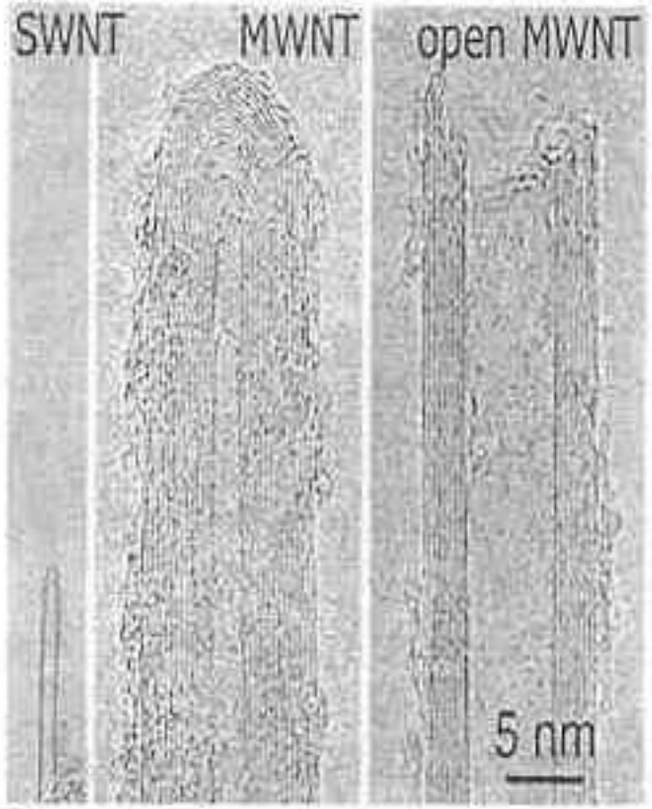

Transmission electon microscory (TEM) pictures of the ends of different nanotubes. Each black line correspond to one graphene sheet viewed edge-on.

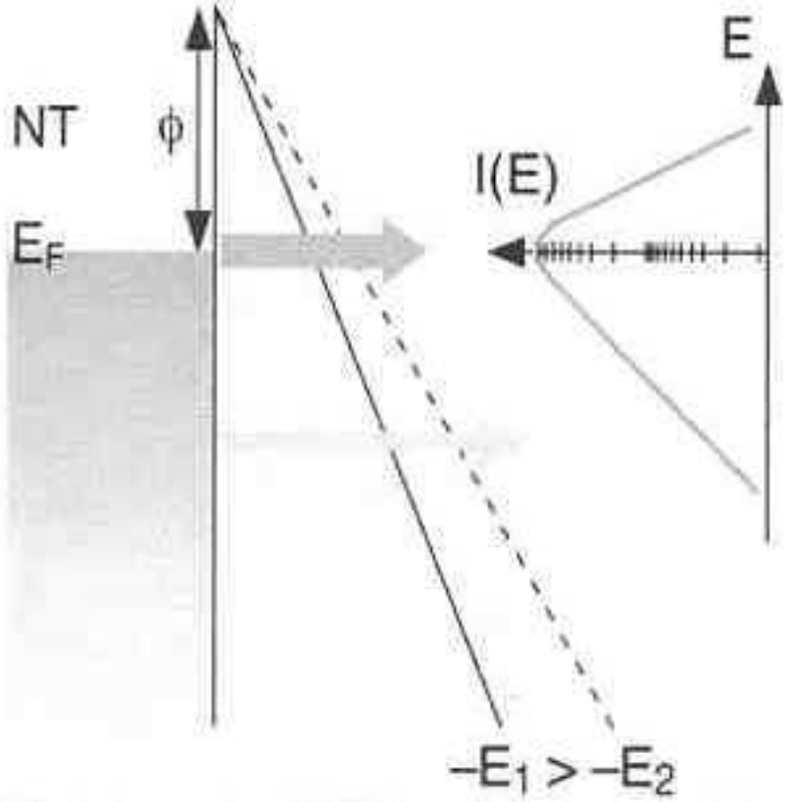

Fig1: Standard field emission model from a metallic emitter, showing the potential barrier and the corresponding energy distribution (energy on the vertical axis, current on the horizontal logarithmic axis).

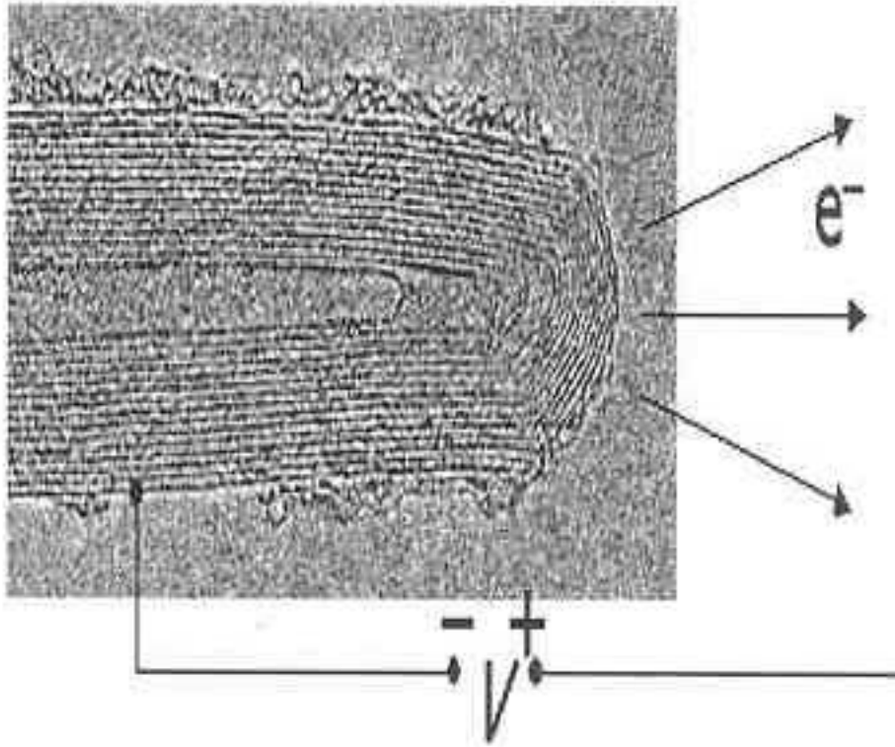

Fig2: Typical set-up for field emission: a potential difference is applied between a nanotube (or an assembly of nanotubes) and a counter electrode.