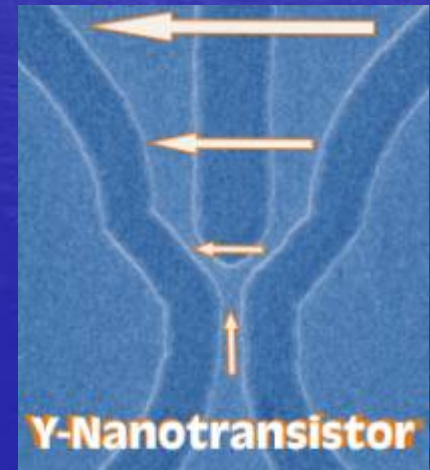
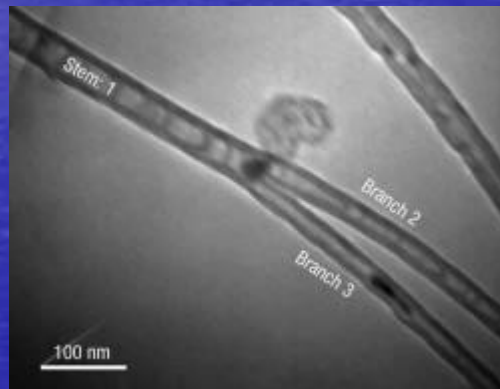
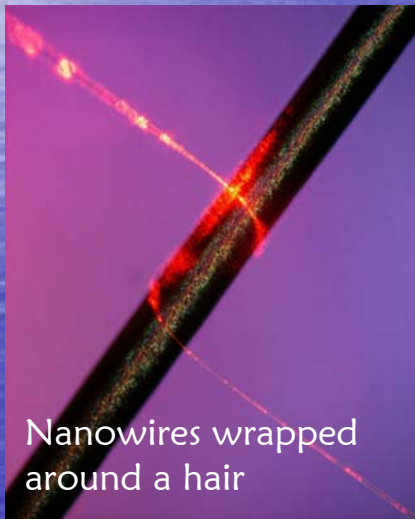


# Nano Technology



By Rebecca Brierley

# Endless Possibilities

Nanowires

Nano robots

Nano levers

Nanowire splicing

Nano Transistors

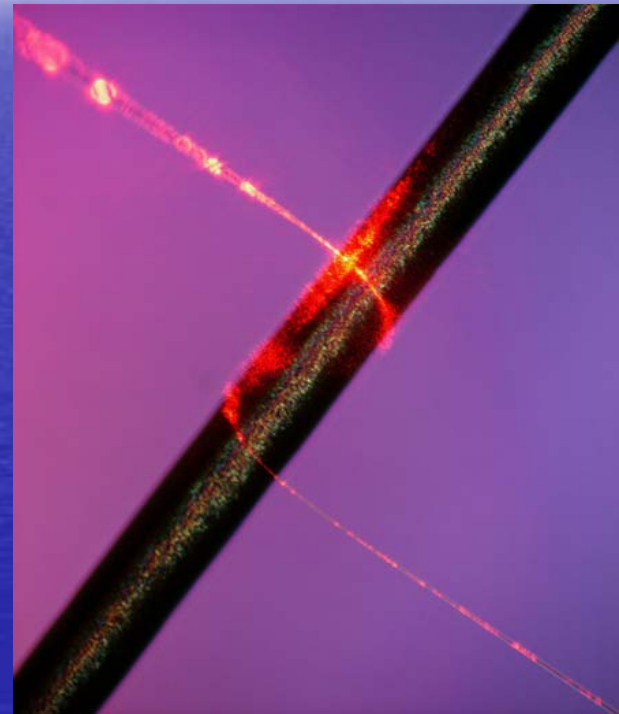
Nano Diodes

Nano sensors

Quantum computers

# Nano Wires

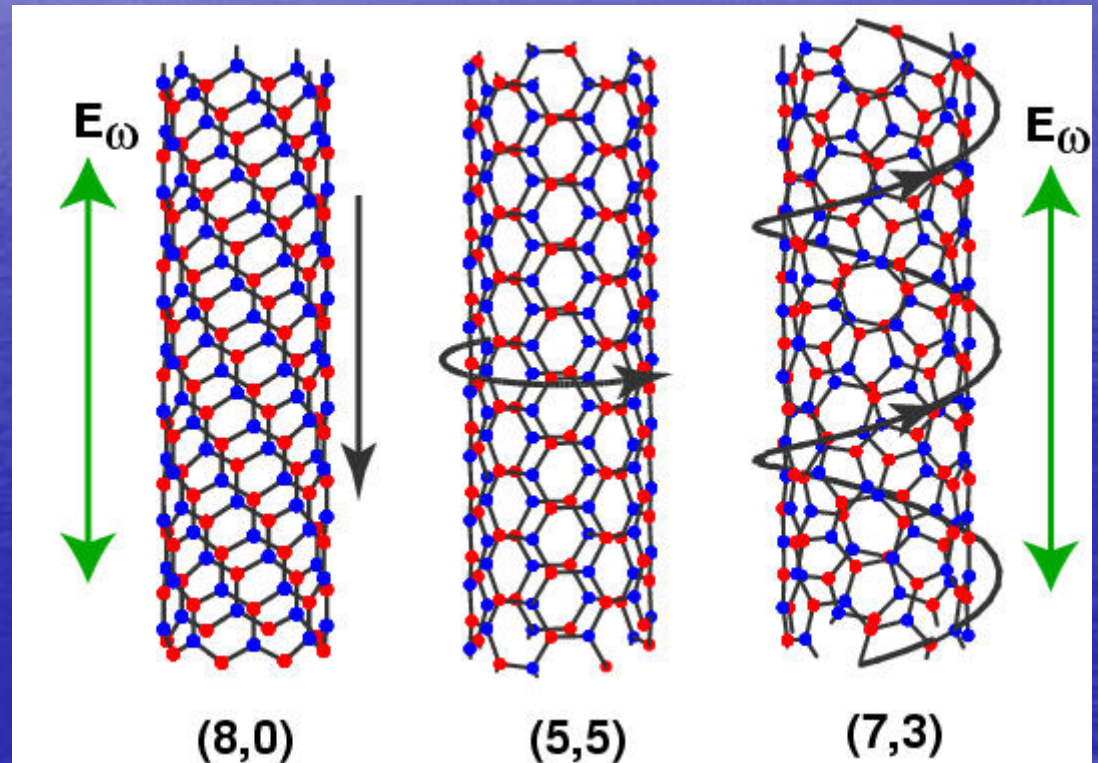
- A nanowire is a wire of dimensions of the order of a nanometer ( $10^{-9}$  meters).
- Nanowires have been made into the basic logic gates of AND, OR, NOT by doping the wires to make it a p - n junction.
- Nanowires are the future to developing new, smaller and more efficient computers.



Nanowires wrapped  
around a hair

# Nano Tubes

- TV Screens
- Data Chips
- Explosives
- Transistors



# Nano Bots

- At 250 by 60 micrometres, the bot is narrower than a human hair and shorter than a full stop at the end of a sentence. It could be deployed to build or prototype other robots or micro-electromechanical systems.

