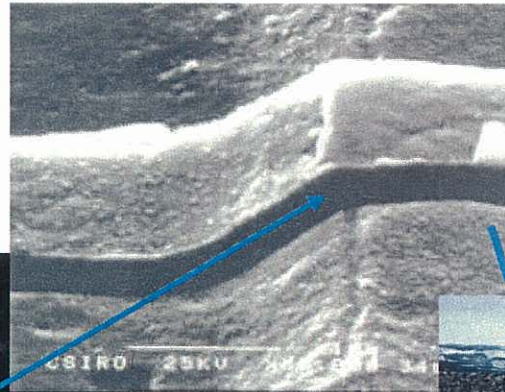
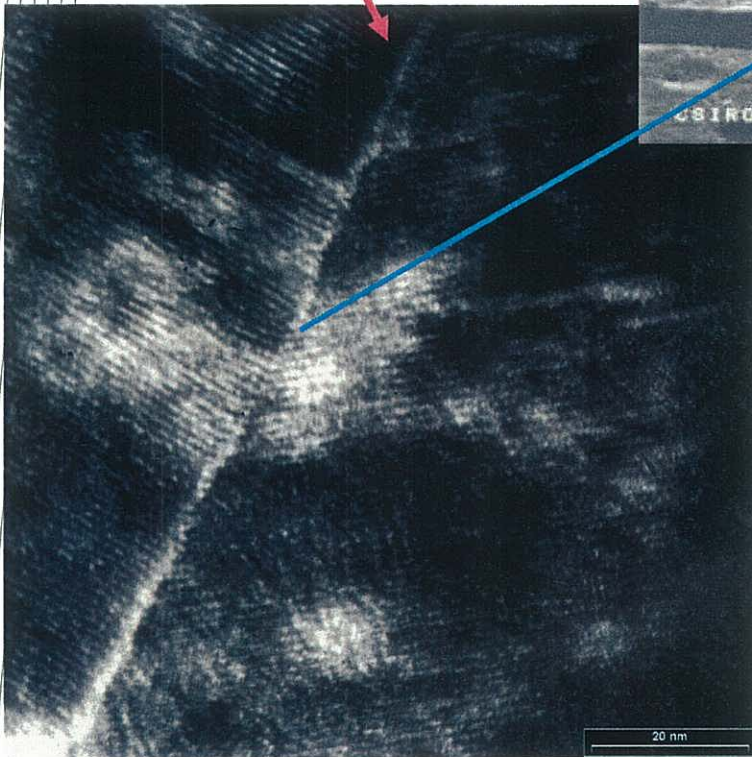


Nanostructured Superconducting Magnetic Sensor

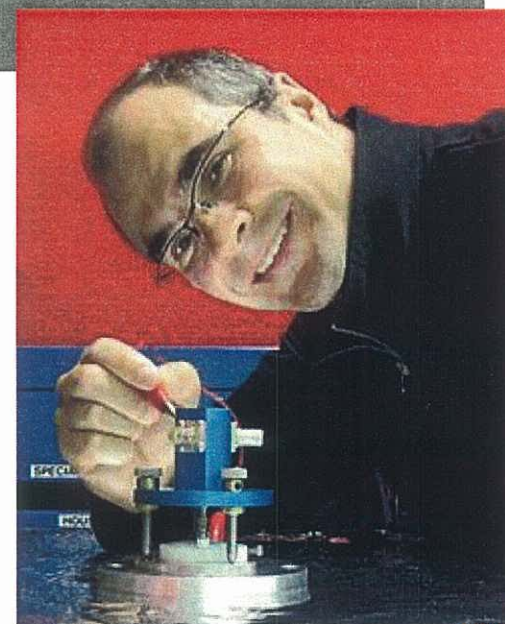
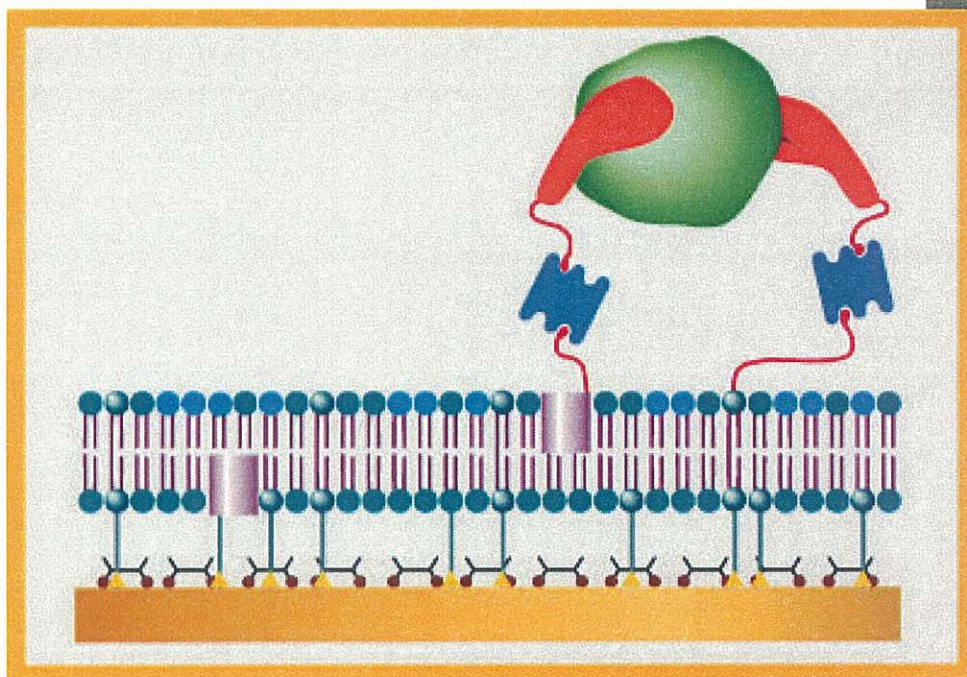
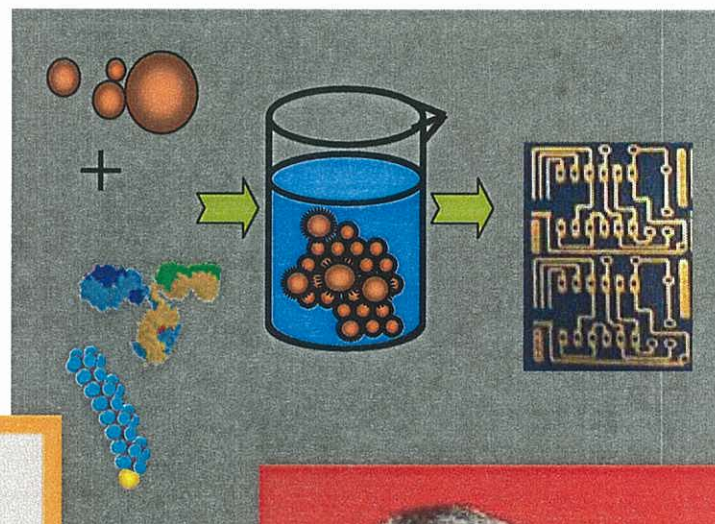
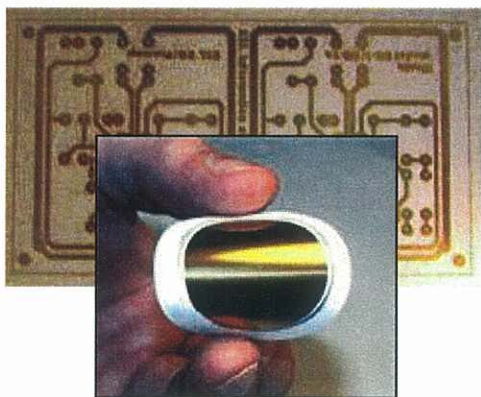
1 nm structure
creating the ability
to detect tiny
magnetic fields



CSIRO's LANDTEM
system for Mineral Exploration
responsible for the discovery
of \$6B mines worldwide









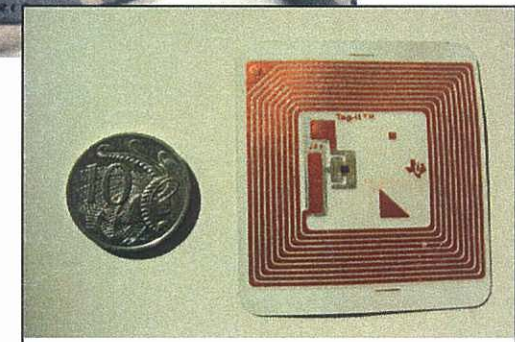
Nanoparticles used for sensors



Nanoparticles for printable electronics



	CONDUCTIVE INK
	RESISTOR INK
	INSULATOR INK
	SEMI-CONDUCTOR
	FERRITE
	<u>SENSING</u>

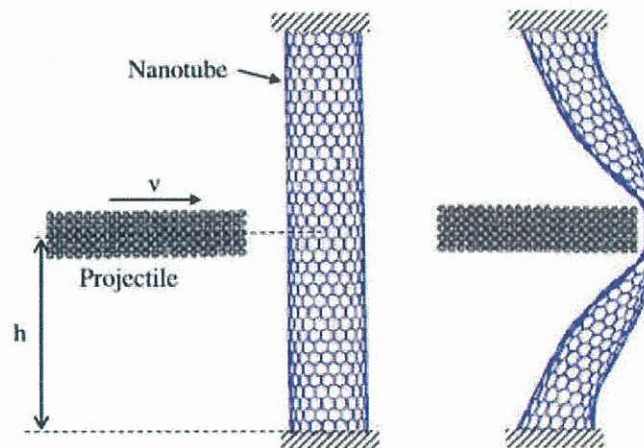
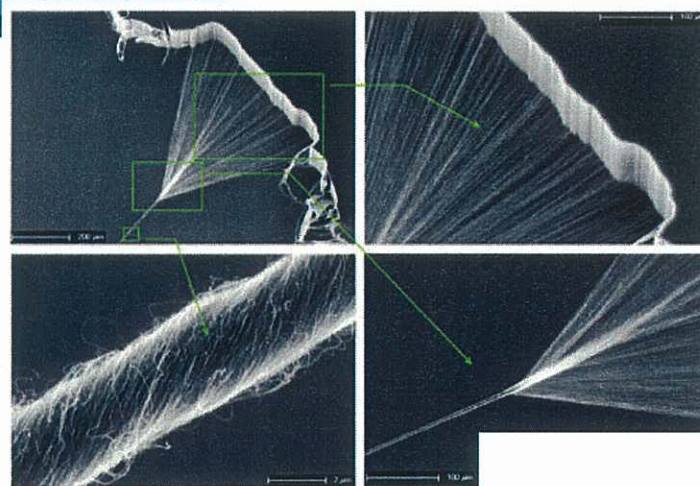


RFID TAG

WIRES, RESISTORS, CAPACITORS, INDUCTORS, DIODES, TRANSISTORS, PIXELS, DISPLAYS, FLEXIBLE ELECTRONICS etc

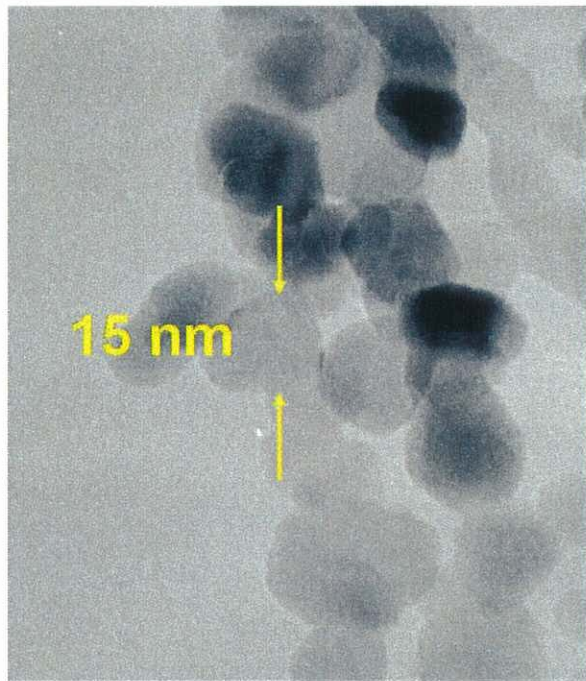
Carbon nanotube yarn

Strength of carbon nanotubes to yarns for antiballistic materials



Nanoparticles in sunscreens and skin-care products

Clear sunscreens have ZnO nanoparticles



White sunscreens have large ZnO particles



Both sunscreen types protect against sunburn