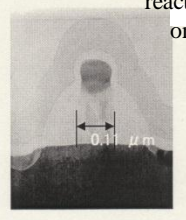
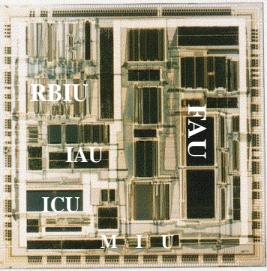
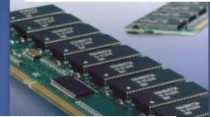
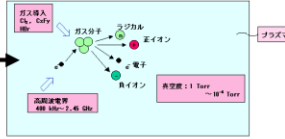


Silicon Technology

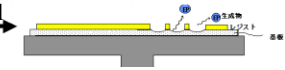
Semiconductor Devices



reaction control
in gas phase



reaction control
on surface

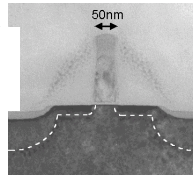


Plasma Process

miniaturization

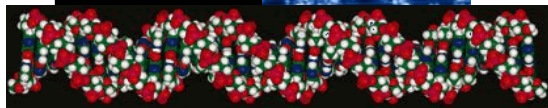
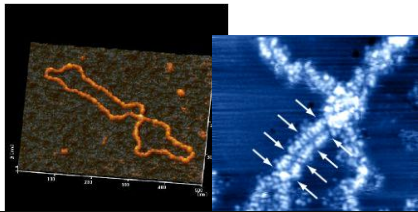
0.1 μm Transistor

Nanotechnology



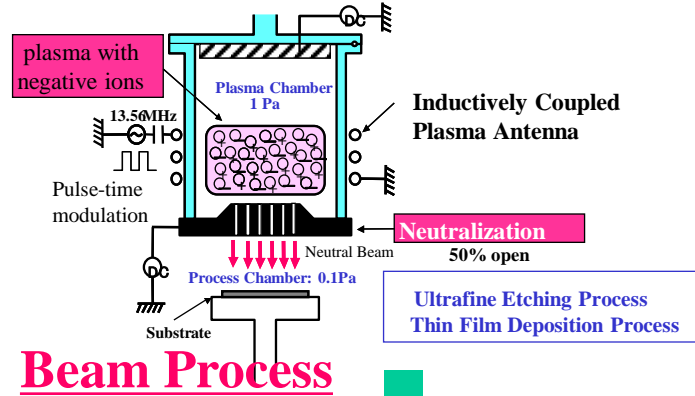
0.05 μm Transistor

Biotechnology



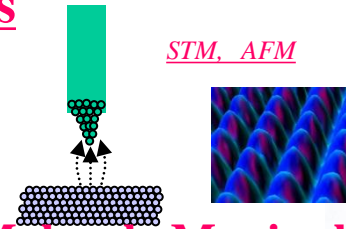
Bio-supramolecules (~10nm)

Our Research Field: Ultrafine Nano Processes

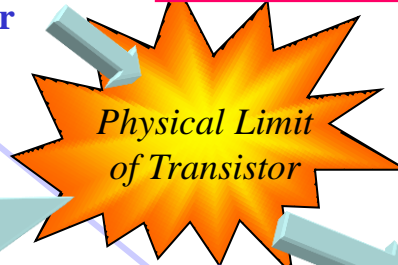
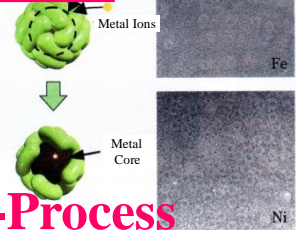


Beam Process

STM, AFM



Atom/Molecule Manipulation

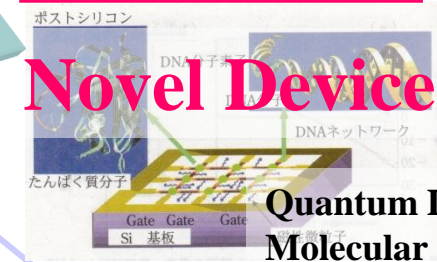


Physical Limit
of Transistor

Fusion

Bio-Nano-Process

Novel Devices



Quantum Devices
Molecular Devices
Biochips