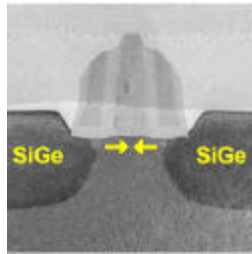


**Future
15 years
Non-classical CMOS**

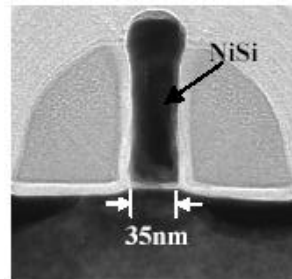
Beyond CMOS

**Today
90 nm Node
Lg ~45 nm**



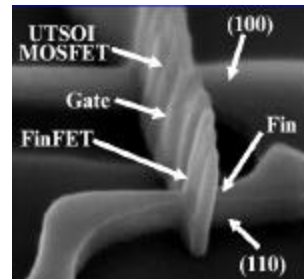
**Strain
Enhanced Mobility**

Tomorrow



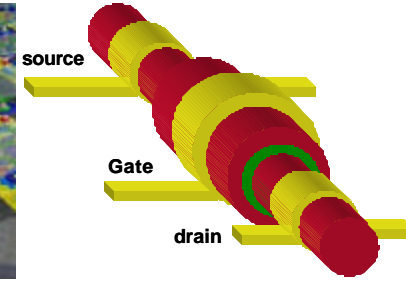
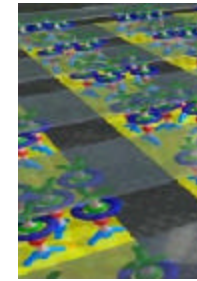
New Materials

**45 nm Node
Lg <25 nm**



**CMOS
pMOS FINFET**

**16 nm Node
Lg ~6 nm**



**Molecular Switches?
Nanowire Transistor?**



The Trybula Foundation, Inc.

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