

# Colloquium Notice

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*Contacts in nano-electronics*

As the dimension shrinks to nanometer scale, contacts between metal electrodes and molecules play a much more important role than those in bulk. Effects of "surface states" could spread through the whole nano-electronics system. Here we discuss (i) How to form electric contacts to single molecules, and (ii) How contacts between single-walled carbon nanotubes (SWNTs) and metal electrodes control the properties of carbon nanotube field effect transistors (NT-FETs).

Monday

**March 15, 2004**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326