

## STM Image Gallery

### Fun



Figure 1: Silicon Man!

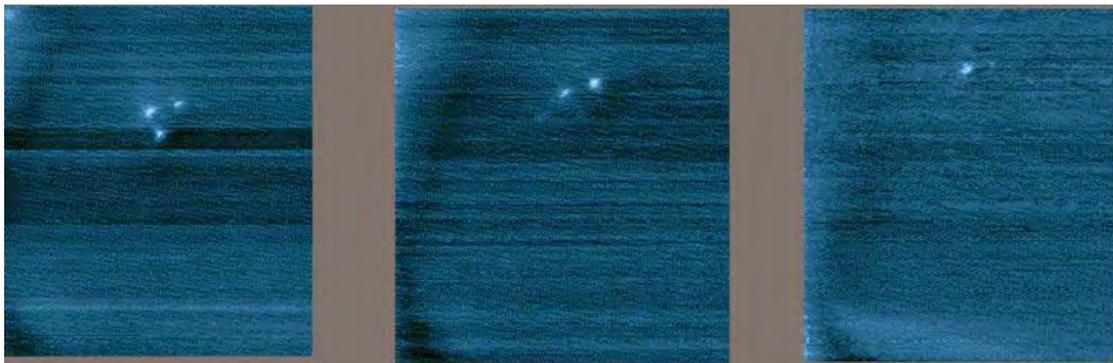


Figure 2: Manipulation of C60..3,2,1

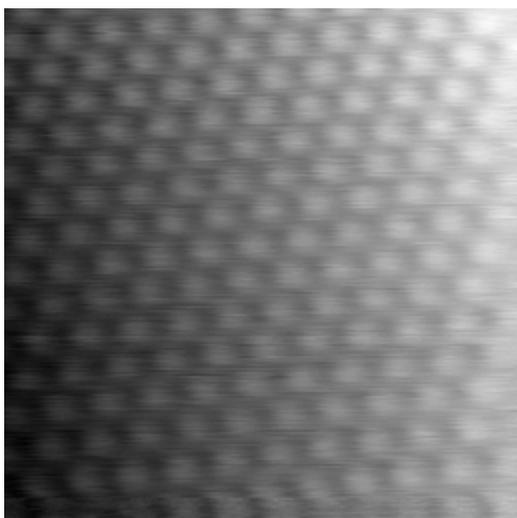
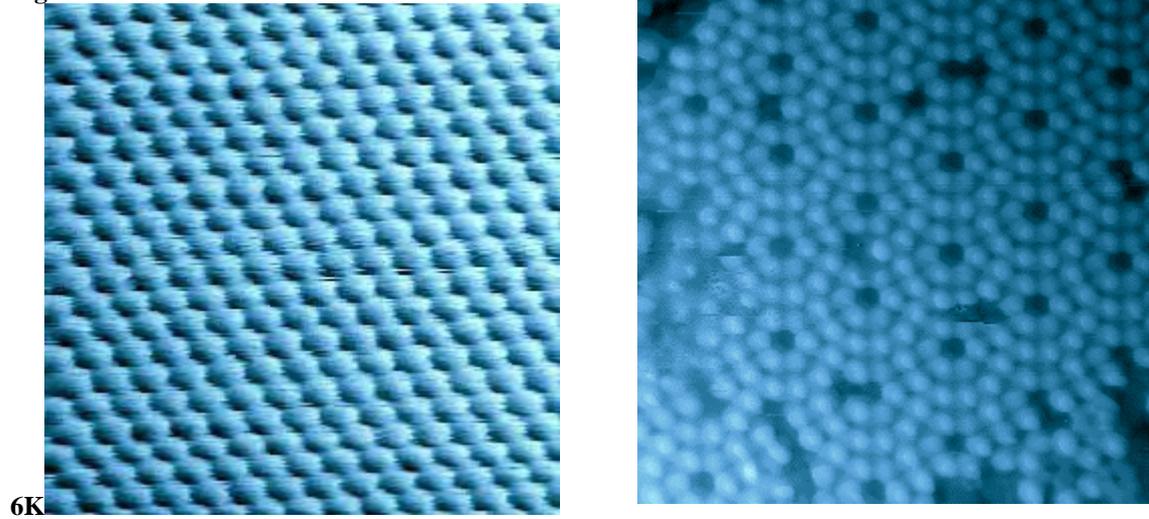


Figure 3: Moire fringing on Graphite

### Atomic

Figure 4: Atoms of carbon at



Nanotubes and C60

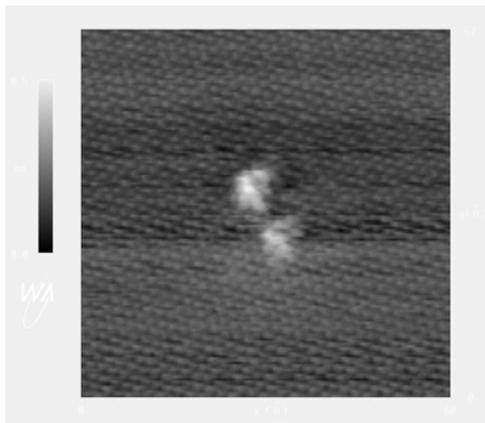


Figure 5: Two C60 Molecules

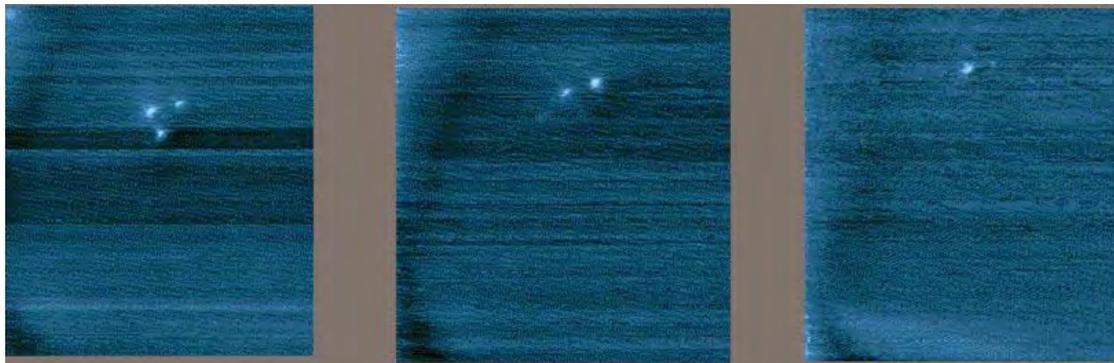
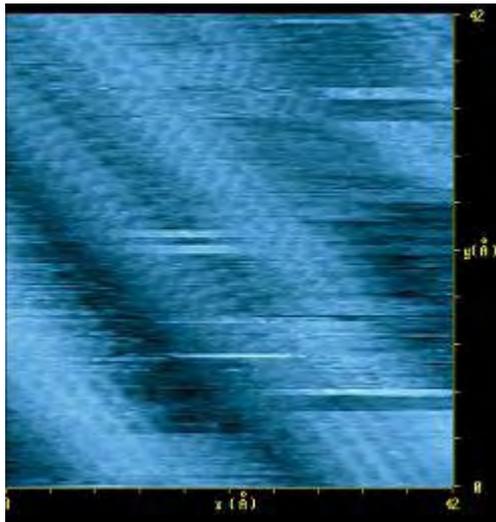
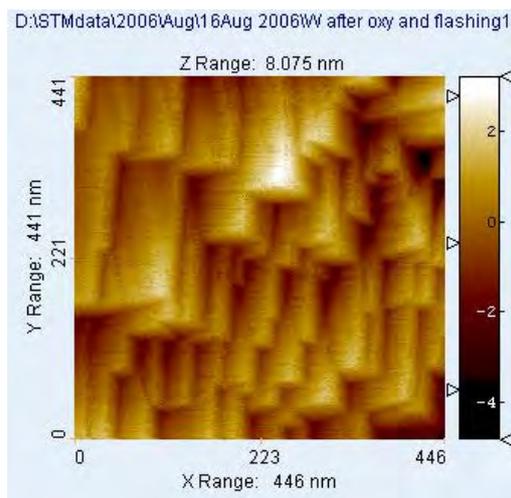


Figure 6: Carbon, 3,2,1

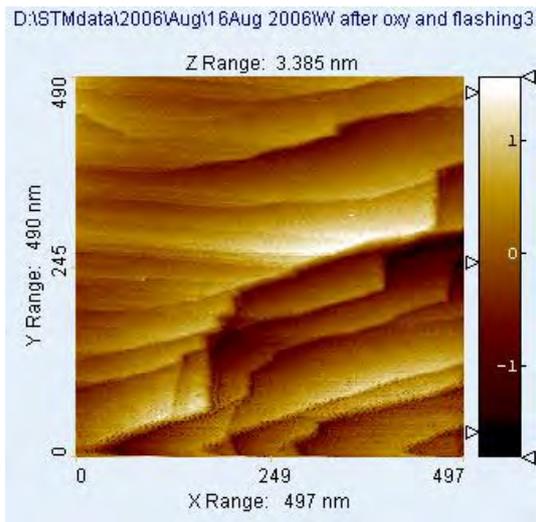


**Figure 7: Carbon Nanotubes**

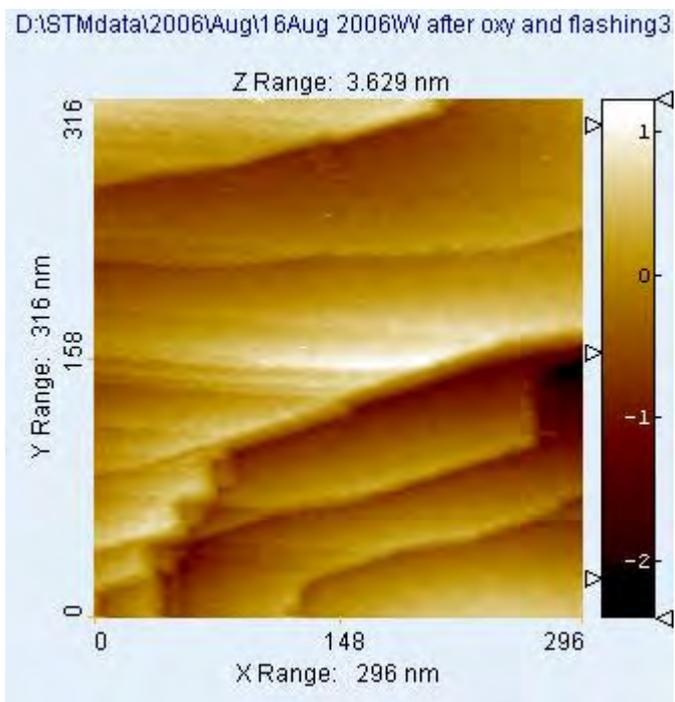
## **Tungsten**



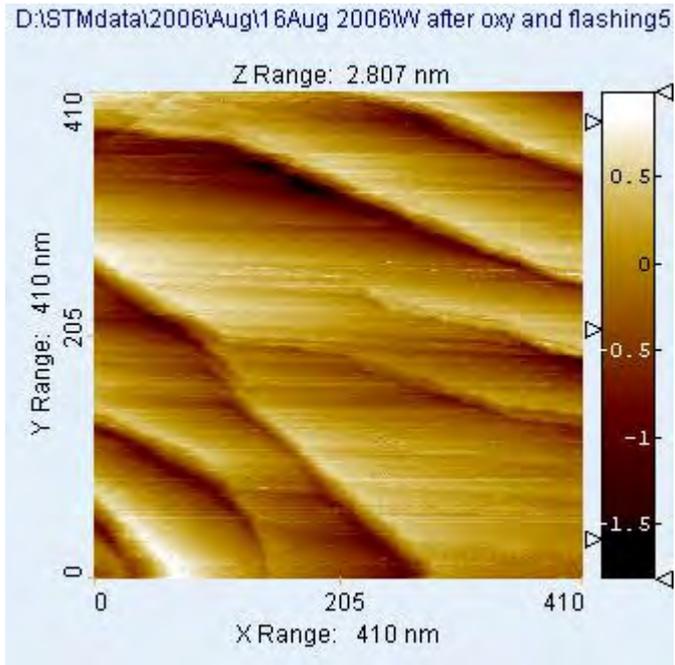
**Figure 8: tungsten Steps**



**Figure 9: More W steps**

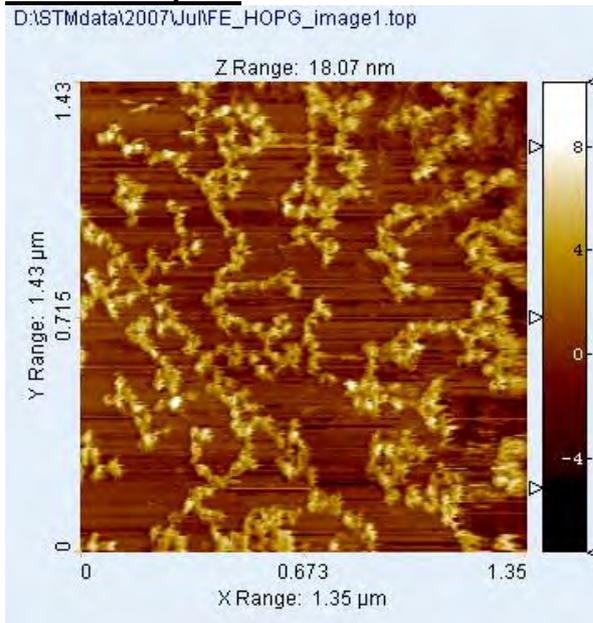


**Figure 10: and more...**

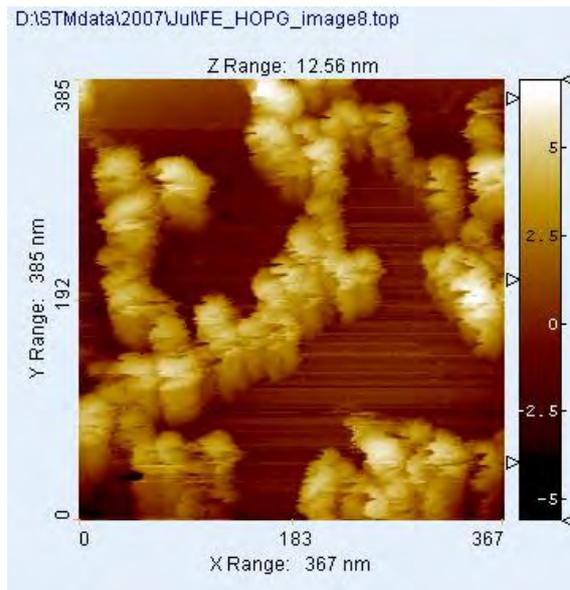


**Figure 11: W steps!**

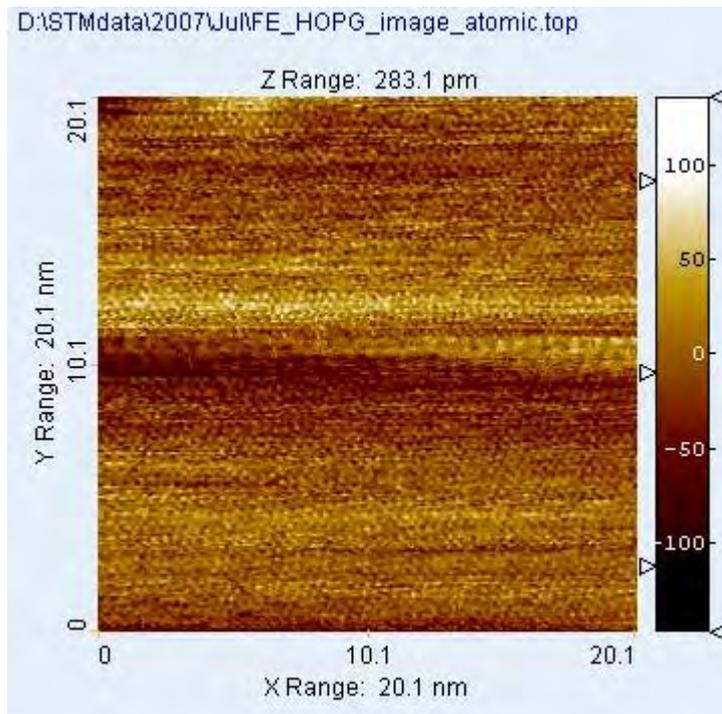
### Iron on Graphite



**Figure 12: Dendritic growth of Fe on HOPG**

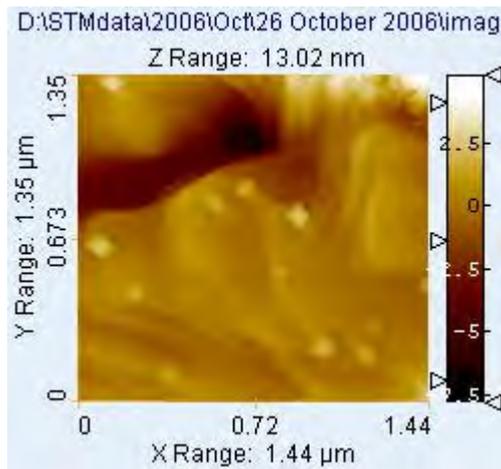


**Figure 13: Fe on HOPG**

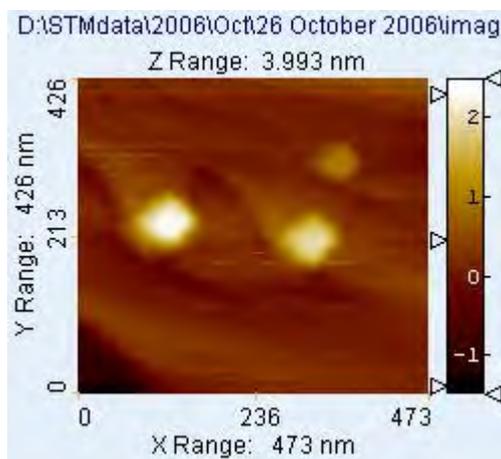


**Figure 14: HOPG or Fe monolayer?**

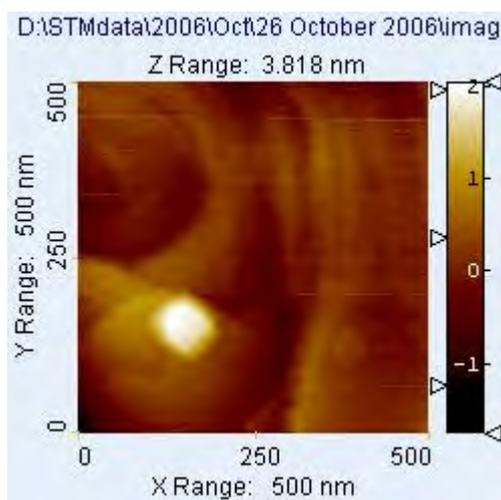
### Iron on Tungsten



**Figure 15: Fe Islands on W**

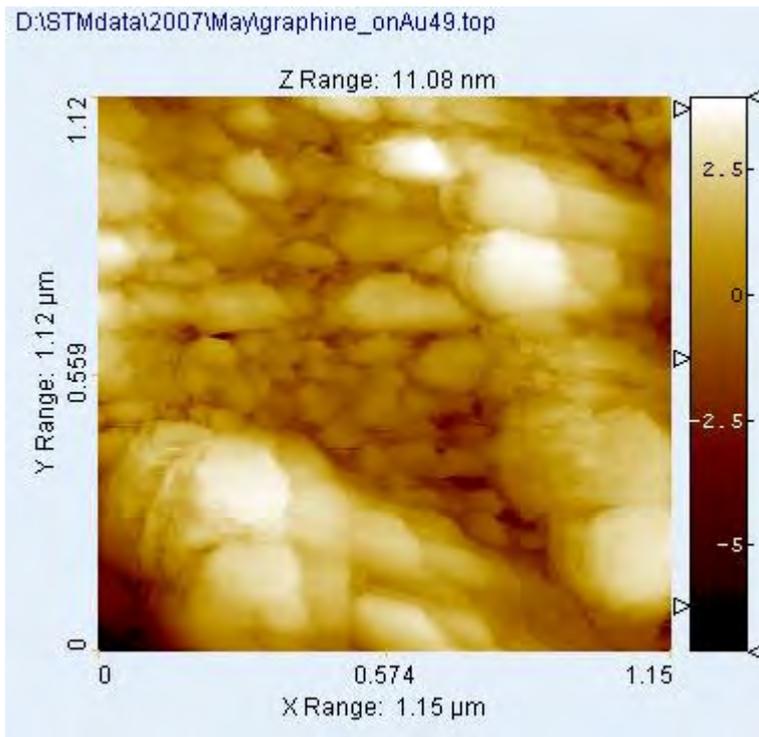


**Figure 16: Fe on W**

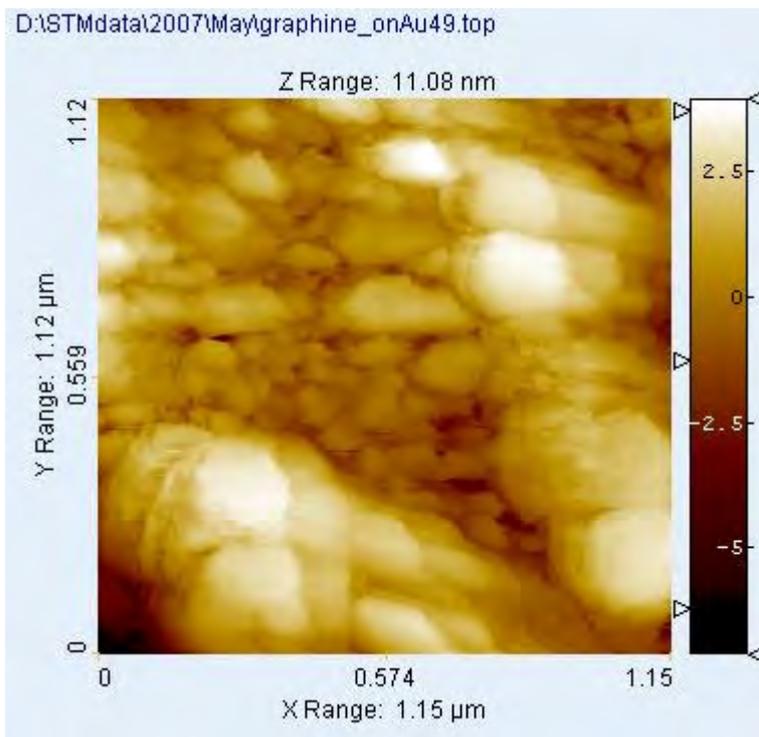


**Figure 17: Fe on W**

### **Graphene on Gold**

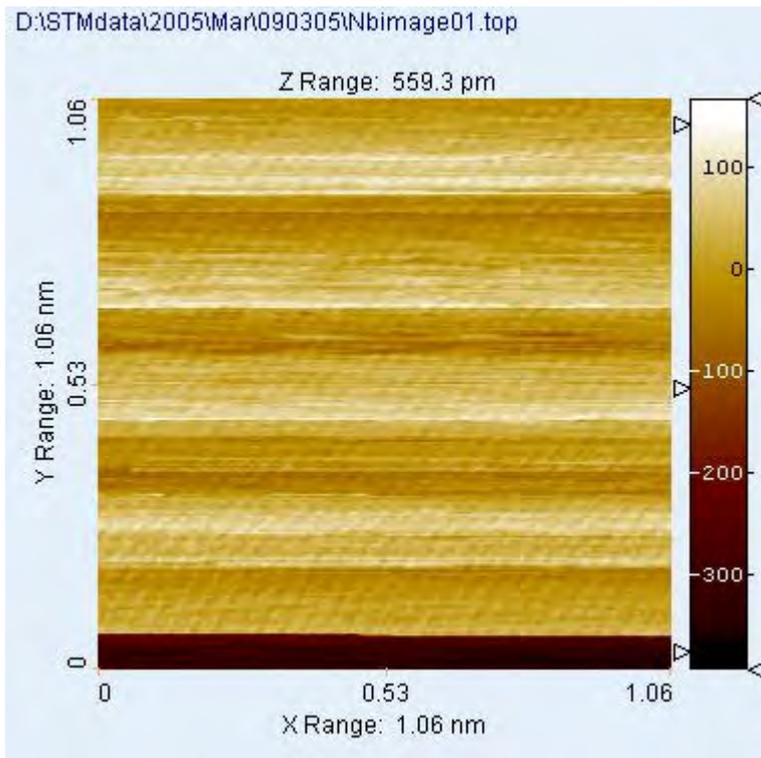


**Figure 18: Graphite on Gold**

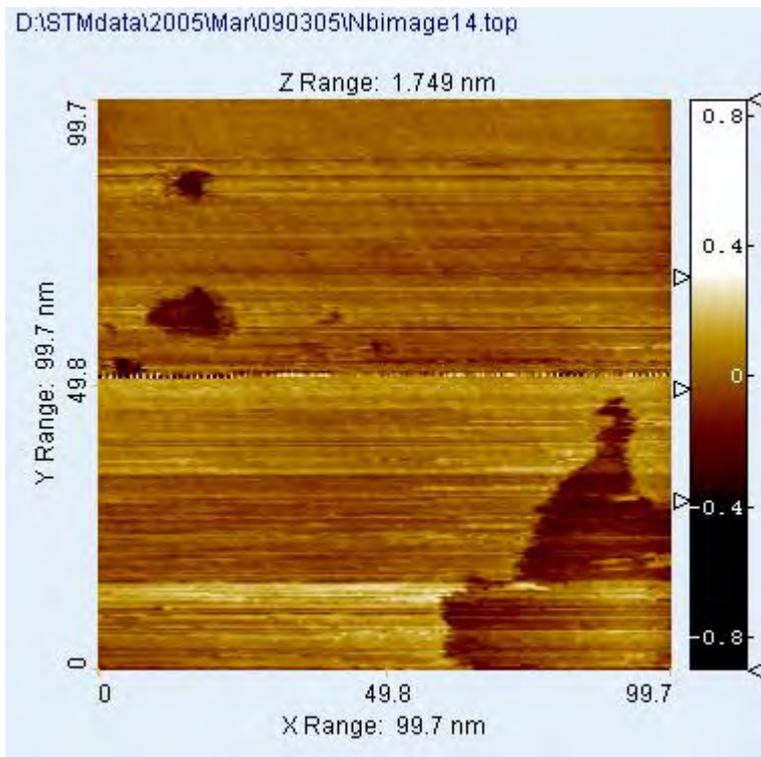


**Figure 19: Graphite on Gold**

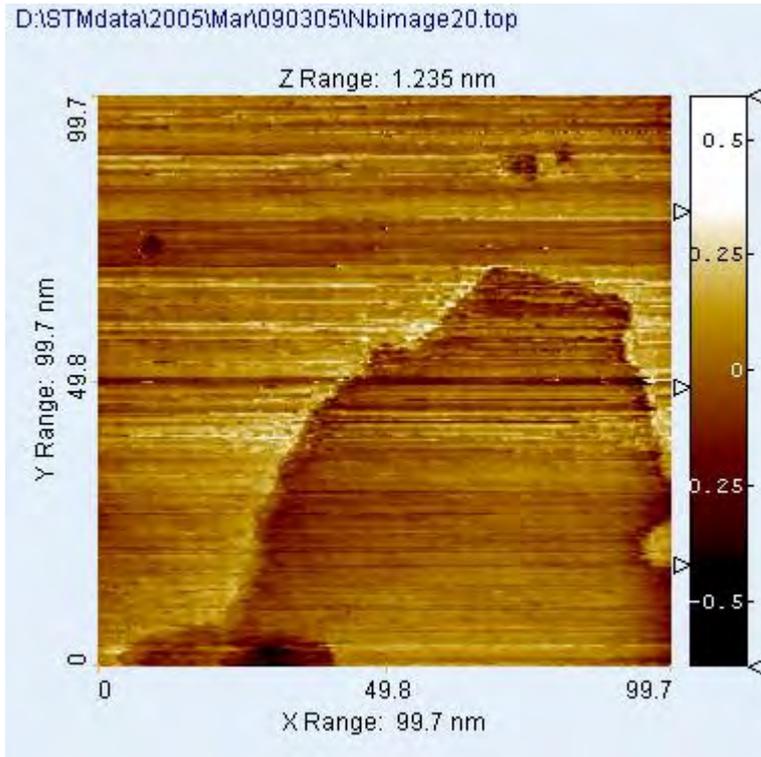
## Niobium



**Figure 20: Niobium**

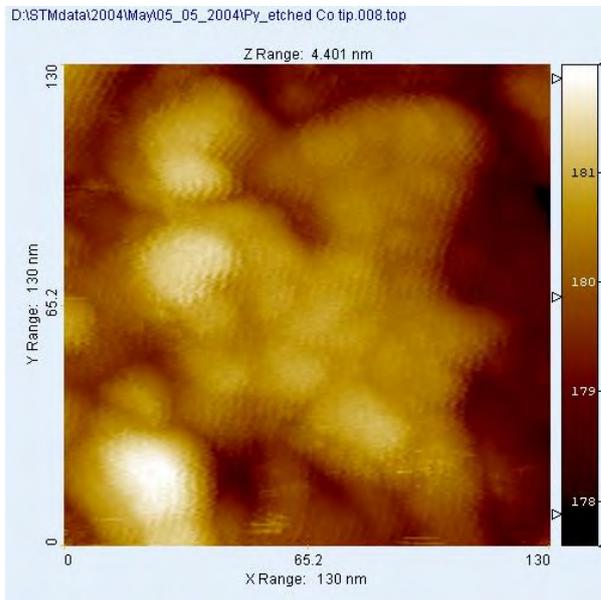


**Figure 21: Niobium**



**Figure 22: Niobium**

### Permalloy



**Figure 23: Permalloy**

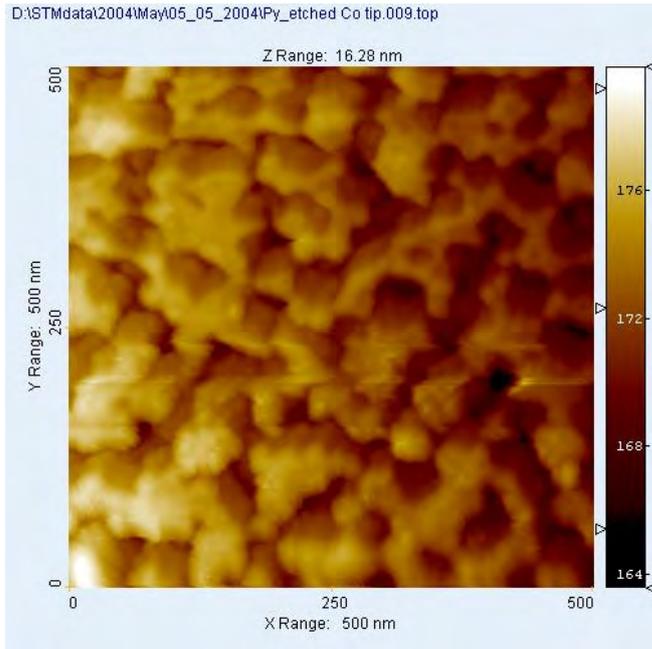
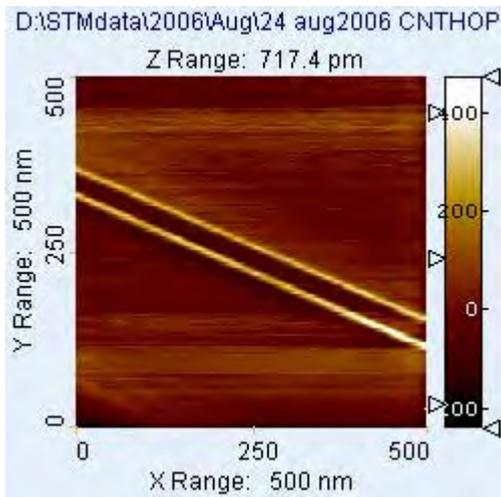


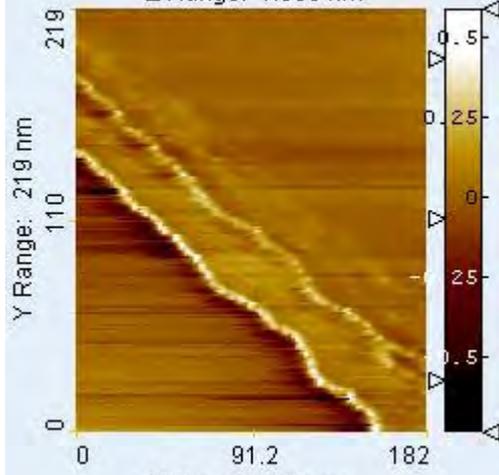
Figure 24: Permalloy using Co tip

### Strange Graphite Images



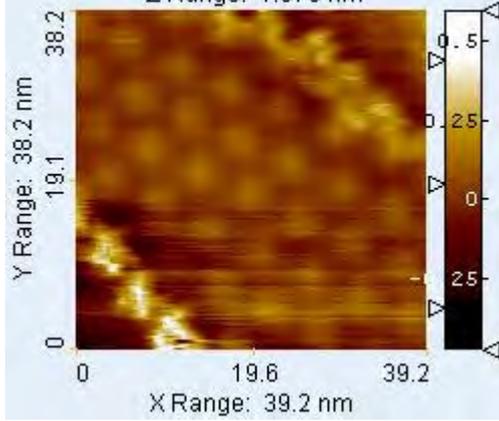
D:\STMdata\2006\Aug\24 aug2006 CNTHOP

Z Range: 1.330 nm



D:\STMdata\2006\Aug\24 aug2006 CNTHOP

Z Range: 1.079 nm



D:\STMdata\2006\Aug\24 aug2006 CNTHOP

Z Range: 1.026 nm

