SEM images of carbon nanostructures produced in the Laboratory of Carbonaceous Materials

Fibrous formations obtained from methane using a $\text{CoC}_2\text{O}_4$ catalyst precursor.

Carbon nanofilaments obtained from methane using a $(\text{NH}_4)_2[\text{Fe(C}_2\text{O}_4)_{2}]$ catalyst precursor.
Carbon microfilaments obtained using a $\text{Ni(NO}_3\text{)}_2+\text{FeC}_2\text{O}_4$ catalyst precursor

Multiwalled carbon nanotubes synthesized on the surface of rolled Ni plates

Multiwalled carbon nanotubes obtained using a ferrocene catalyst precursor