

R.I.T.

College of Science

*Chester F. Carlson*

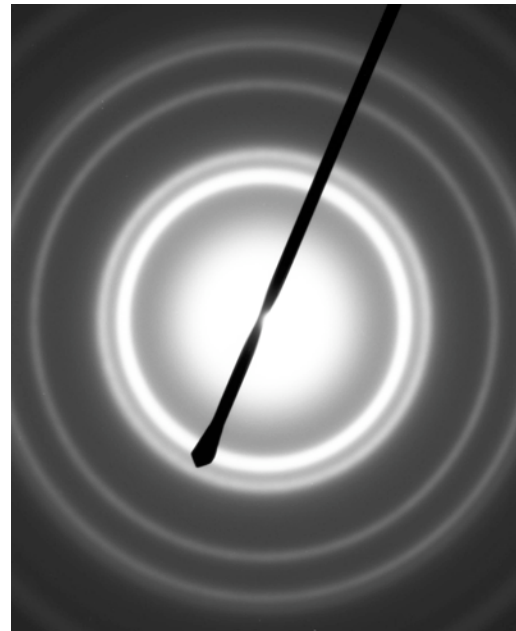
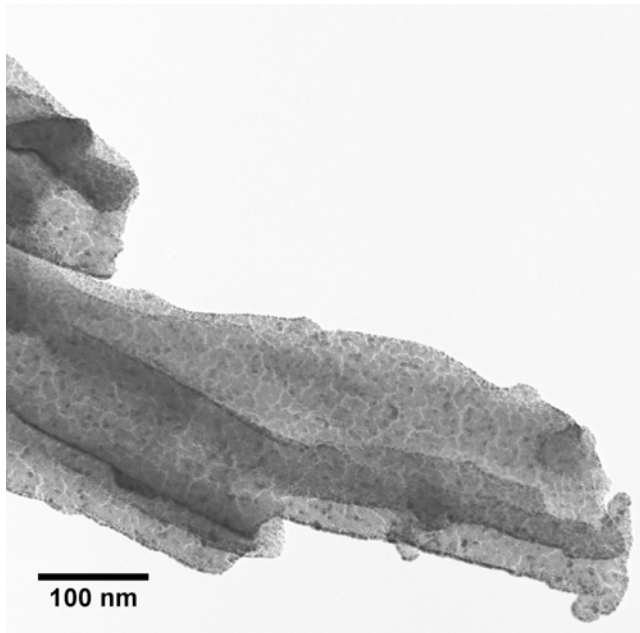
Center for **IMAGING** SCIENCE  
Seminar Series

# Imaging With Electrons

**Richard Hailstone**

*Co-Director, NanoImaging Laboratory*

*Chester F. Carlson Center for Imaging Science, RIT*



Electron microscopy is an essential tool for imaging at the nano level and therefore has received increased emphasis with the recent rise of nanotechnology as the next frontier in science and engineering. As most attendees will be unfamiliar with this imaging modality, the first part of the talk will be a tutorial on electron microscopy and how the principles of imaging science are used to image at the nano level. Then I will discuss applications of both transmission and scanning electron microscopy -- both from our work and that using more advanced microscopes -- to illustrate the power of these tools..

**4pm, Wed, Jan. 21, 2009**

**Auditorium of the Center for Imaging Science**

**[www.cis.rit.edu/seminar](http://www.cis.rit.edu/seminar)**

**for up-to-date seminar schedule, video archives and abstracts.**