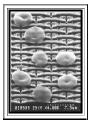
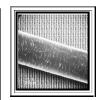
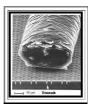
Here you can see a collection of **SEM** pictures which not only illustrate graphically the "particle" problem in making chips, but also have a certain esthetical appeal



Click on the link for an enlarged view.













on a 1 Mbit memory

(large size)

Red blood cells Hair (from a female) Hair on a 4Mbit on a **256 kbit** one of the little flakes of the hair would be enough to cover one memory (large size) cell.

memory chip. structure sizes decrease.

(large size)

Here a metal particle, probably a tiny drop of AI ahead when it comes memory chip. Just just to show how that was burnt of by a an to small structures. electrical discharge in a sputtering machine and hit the Si as a solidified droplet. It was coated with AI which was subsequently structured by etching. Four conducting lines are now µm. short circuited.

Mother nature is still Here is a particle of unknown nature. Whatever it is, it will kill a Here we see spiderwebs on a 256 k chip.

DRAM. A typical strand of spider silk consists of several individual strings with diameters around 0.2

(large size)

(large size)

(large size)