The WIMP detectors are made from a Germanium crystal. First the crystal is cut and polished to make 'hockey-puck' sized substrates. The finished detectors have thermometers of tungsten and aluminum wiring patterned on the surface. Then the substrates are processed in a clean-room, the same way that computer silicon chips are manufactured. Metal films are deposited and photo-lithographically patterned to make the sensors we need. The width of each tungsten thermometer is 1 micron, one hundredth of the width of a human hair. There are 10^36 thermometers on the 3 inch diameter surface of the crystal.