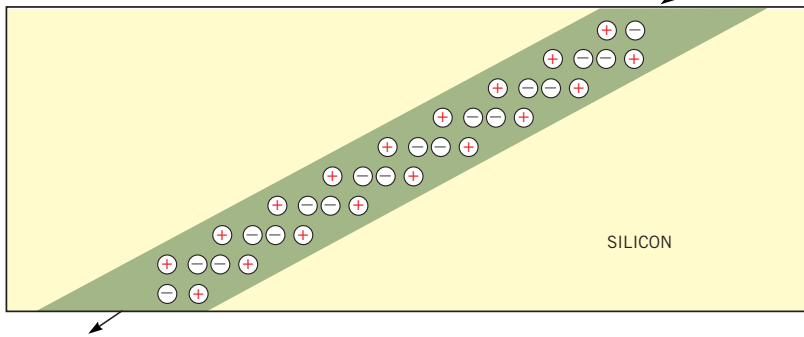


Figure 3

PARTICLE GENERATES CLOUD OF HOLE-ELECTRON PAIRS
AS IT PASSES THROUGH THE SILICON

ALPHA PARTICLE
OR COSMIC RAY



Alpha particles and cosmic rays leave a trail of electron/hole pairs in their wake as they traverse semiconductor material (courtesy MoSys).