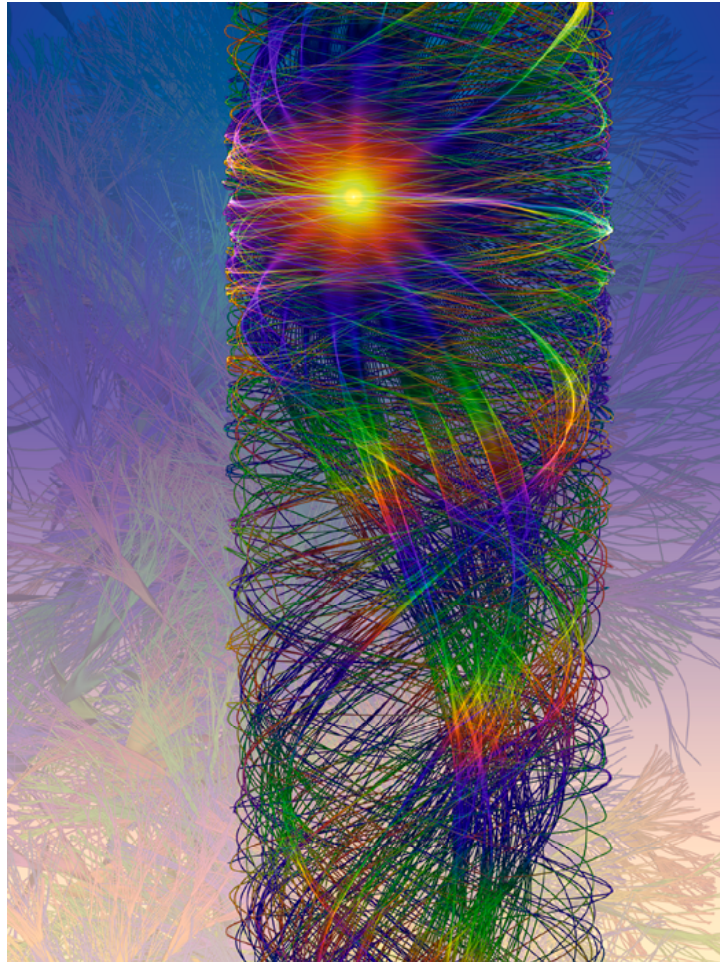


Image of Electron Flow in a Nanowire

Theoretical Simulation

Eric Heller (Harvard)



Electrons injected at the “sun” flow into a nanowire in a pattern that shows enhanced backscattering at the walls due to the effects of charged impurities. The quantum phase of the electron waves is shown in color.