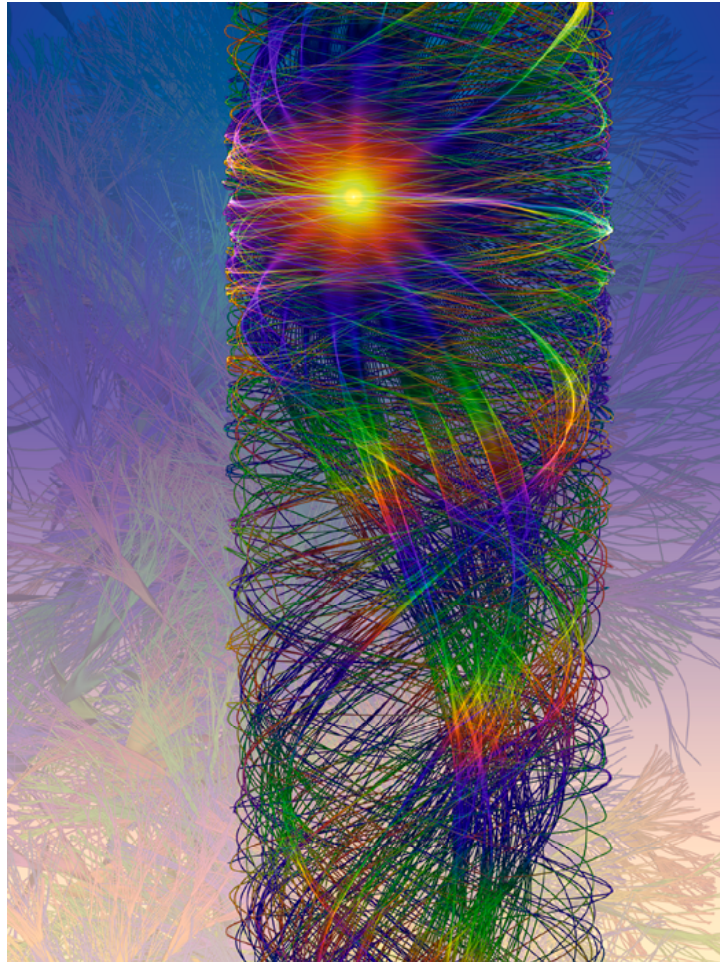


# *Image of Electron Flow in a Nanowire*

## *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.