



The Higgs Mechanism

Imagine a room full of physicists chattering quietly is like space filled with the Higgs field . . .

Source: CERN and Dave Miller, OPAL



. . . a well-known scientist walks in, creating a disturbance as he moves across the room and attracting a cluster of admirers with each step



This increases his resistance to movement, in other words, he acquires mass,
just like a particle moving through the Higgs field



If a rumor crosses the room,



It creates the same kind of clustering, but this time among the scientists themselves. In this analogy, these clusters are the Higgs particles.