

Abstract Submitted  
for the PSF11 Meeting of  
The American Physical Society

**Charged Particle Interactions Based Upon Source-Sink Modeling**

JON ELIASON, None — A conceptual particle interaction model is developed which considers the stable charged particles, electrons and protons, as sources and sinks, respectively, of Electrostatic Fluid (ESF). Their modeling as ESF sources and sinks provides a simple model and mechanism for action at a distance which agrees with empirical behavior. Since ESF is an intimate feature of electrons and protons, it inherently moves with bodies containing these particles, in contrast to the bodies moving through a generally distributed ESF medium.

Jon Eliason  
None

Date submitted: 30 Sep 2011

Electronic form version 1.4