Abstract: In this talk, we discuss regularity of solutions of the Landau-Coulomb equation. We will see that if they are radially symmetric, then they are regular away from the origin. Such a result is obtained through a local study of regularity à la De Giorgi. A key step is to derive suitable local estimates in the spirit of local energy estimates for the Navier-Stokes equations. This is a joint work with François Golse and Alexis Vasseur.