David Rydh: Equivariant Artin algebraization.

Recall that Artin approximation is about approximating formal structures by algebraic structures. In this context an algebraic object (a henselian local ring) and a formal object (its completion) are fixed from the outset. In Artin algebraization, we do not start with an algebraic object but seek an approximation of a given formal object by an algebraic object. In this talk, I'll explain how Artin algebraization follows from Artin approximation and how this generalizes to the equivariant setting. I will also outline an application to the local structure of algebraic stacks.