

PHYSICS AND ASTRONOMY SEMINAR

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**“Modeling of Star Clusters
in Galaxy Formation Simulations”**

Abstract

I will discuss recent work on the formation and evolution of star clusters in galaxy formation simulations. This work is based on the results of the FIRE project, which is a series of galaxy formation simulations that explore the impact of different physical processes on the evolution of galaxies. The results show that star clusters play a crucial role in the evolution of galaxies, and that their formation and evolution are strongly influenced by the environment. This work has important implications for our understanding of galaxy formation and evolution.