



Department of Physics and Astronomy
FALL 2023 Colloquium Series

“Investigating Chemical Properties of Giant Molecular Clouds”

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Sac State Physics Major Senior Project

Giant Molecular Clouds (GMCs) are the stellar engines of galaxies-- the birthplace of all stars. However, their properties (such as mass, radius, and the distribution of particles) and the impact they have on the GMC's molecular composition and star formation are actively debated. A study on these properties and how they affected the cloud was conducted using GASOLINE, a simulation code that has been tested extensively. A numerical analysis of the simulations was conducted with codes created by myself.

Thursday, November 30, 2023

4:00 - 5:20PM

MND1015

Open & Free to all students, faculty and public