



# Physics Colloquium



Thursday, April 23rd at 3:40PM in SC 234

*Featuring:*

**Dr. Denija Crnojevic**  
*Texas Tech University*

“Galaxy evolution: from dwarfs to giants”

I will give an overview of the currently favored model for the formation of structures in our Universe and highlight the most intriguing challenges confronted by this model. For example, astrophysicists do not yet fully understand the details of the processes involved in galaxy evolution, e.g. the relative roles played by mass and mutual interaction. I will introduce state-of-the-art observational surveys of the closest giant galaxies and their tiny companions, and explain how these can crucially help us in constraining theoretical models.

Refreshments at 3:00PM in SC 103