

The background of the slide is a deep space image filled with numerous galaxies of various shapes and sizes, including spiral, elliptical, and irregular forms, set against a black cosmic void.

# **Cosmology, Accelerating Universe, Dark Matter, and Dark Energy**

M. Omer Farooq  
Kansas State University  
June 18<sup>th</sup>, 2013

Topeka Science Café June Meeting



Tuesday June 18, 2013. 5:00 PM  
Lazy Toad 5331 S.W. 22nd Place,  
Suite # 2 Topeka.

# Cosmology, Accelerating Universe, Dark Matter, and Dark Energy

M. Omer Farooq, Kansas State University

It has been a more than decades of discovery of accelerated expansion of Universe, but scientists still do not understand the mysterious cause (Dark Energy) behind it. More than 95% of the content of the Universe is unknown to humanity. Understanding the nature of Dark energy which is believed to be the 70% of our Universe and probably the cause of accelerated expansion of the Universe is the most intense question in these times.