



How did the universe form?

What are the conditions for life?

What is the origin of stars and planets in the Milky Way galaxy?

Research groups

- Ravit Helled: origin, evolution, and internal structure of planets in the solar system and around other stars
- Lucio Meyer: Cosmic structure formation and evolution, at both large and small scales
- Ben Moore: Cosmology, gravity, dark matter and dark energy, planet formation and supercomputing
- Aurel Schneider: Cosmology and nonlinear structure formation, dark matter and neutrinos, weak lensing and galaxy clustering, 21-cm cosmology
- Jaiyul Yoo: theoretical astrophysics and cosmology, focusing on large-scale structure, cosmic microwave background, and inflationary models
- Robert Feldmann: galaxy evolution
- Joachim Stadel: dark matter structure formation, rocky planet formation, hydrodynamical galaxy and planet formation simulations, long term stability of planetary systems