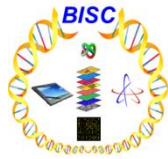


Dr. Keith Andrew

Department of Physics and Astronomy

Interests:

- Quantum fields
- Gravity
- Strings
- Cobordisms
- Nonlinear dynamics
- Neutralino cosmology
- Gadget II n-body numerical simulations



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Department of Physics and Astronomy

- Theoretical and mathematical modeling of complex systems.
- Applications include
 - analytical tools related to the modeling of partial differential equations and nonlinear dynamics
 - numerical tools related to time and space series data analysis
 - applications of quantum mechanics to fundamental processes.