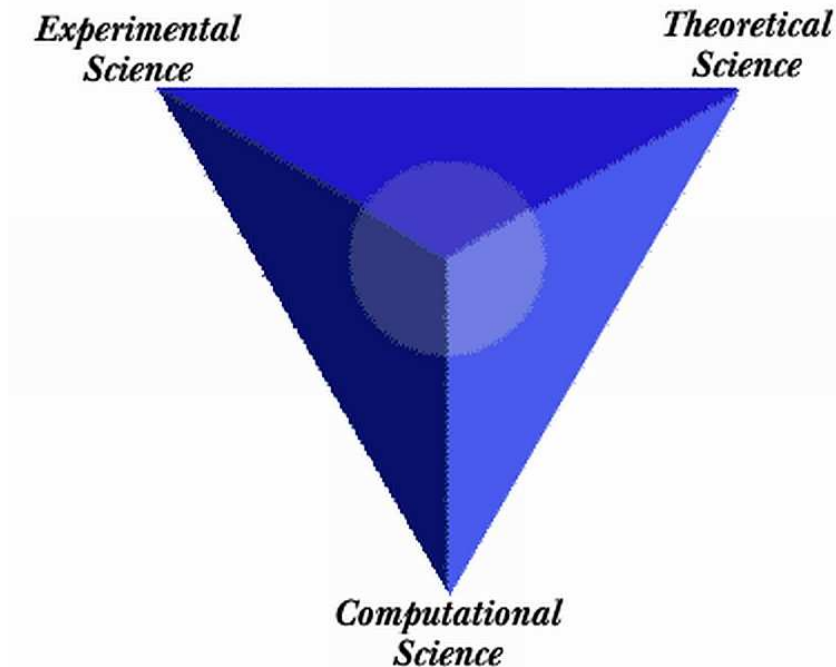# Computational Science

Application of computational and numerical techniques to solve large and complex science problems

Science: the study of how nature behaves

Experimental Science

Theoretical Science

Computational Science

3rd independent scientific methodology

has arisen over the last 25 years or so

shares characteristics with both theory and experiment

requires interdisciplinary skills in science, mathematics, computer science

Computational Science $\neq$ Computer Science