



قطب علمی  
سیستم‌های پیچیده  
و ماده چگال



سمینار هفتگی ماده چگال نرم

## Introduction to the Behavioural Game Theory

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**John Forbes Nash, Jr.** (born June 13, 1928) is an American mathematician whose works in game theory, differential geometry, and partial differential equations have provided insight into the forces that govern chance and events inside complex systems in daily life. Also, he won the Nobel Memorial Prize in Economic Sciences in 1994. **Game theory** attempts to mathematically capture behavior in *strategic situations*, in which an individual's success in making choices depends on the choices of others. Economists and psychologists have been testing Nash equilibrium predictions of game theory models of human behavior. In many instances, humans do not conform to the predictions. Cooperation in certain one-shot, anonymous interactions, and a willingness to punish others at a net cost to oneself are some of the most intriguing deviations from standard theory. In this seminar, we will be familiar with some these games and their rules. Also, we will discuss some recent interpretations of experimental games.

زمان: شنبه ۸۸/۹/۲۱ ، ساعت : ۱۵:۳۰

مکان: آمفی تئاتر دانشکده فیزیک