

Seminar Announcement

Speaker: Sujata Ghosh

Affiliation: Indian Statistical Institute

Date: 11th August, 2017

Time: 2pm -- 3 pm

Venue: Indian Statistical Institute, 110 Nelson Manickam Road, Aminjikarai, Chennai.

Title: Can game-theoretic rationality explain human behavior in simple turn-taking games ?

Abstract: We conducted an experiment where participants played a perfect-information game against a computer, which was programmed to deviate often from its backward induction strategy right at the beginning of the game. Participants knew that in each game, the computer was nevertheless optimizing against some belief about the participant's future strategy. Based on the findings of the experiment, which were not conclusive, we redesigned the games, the main change being 'incorporating new payoff structures'. We conducted a new experiment under a similar setting, and recorded and analysed our findings.

This talk will describe these experiments and report, analyze and discuss the findings of both. This is joint work with Aviad Heifetz, Rineke Verbrugge and Harmen de Weerd.

(No prior knowledge in game theory will be assumed in the talk.)

Tea/Snacks will be served after the talk.

Please forward this notice to anyone who you think may be interested.

Regards,

Seminar Coordinator.