



Engineering Management, Information, and Systems Seminar Series

Research Seminar

Limited-Trust Equilibrium and Social Network Games*



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Zoom link: <https://smu.zoom.us/j/96580795331>

easily improve net utility by as much as 14.5%. If only one agent exhibits modest trust among self-centered ones, it can increase its average utility by up to 25% in certain cases! Second, and counter-intuitively, when partnership opportunities are abundant agents become less trustworthy.

Keywords:Game Theory; Limited-Trust; Reciprocity; Long-term interactions; Social Networks; Partner Selection.

*Joint work with Tim Murray, PhD student, and Prof. Jugal Garg, ISE@UIUC

Biography Rakesh Nagi is Donald Biggar Willett Professor of Engineering at the University of Illinois, Urbana-Champaign. He is also a senior research advisor at the Center for Advanced Study in Engineering, Science, and Technology (CAST) at the University of Illinois, Urbana-Champaign. He is also a senior research advisor at the Center for Advanced Study in Engineering, Science, and Technology (CAST) at the University of Illinois, Urbana-Champaign. He is also a senior research advisor at the Center for Advanced Study in Engineering, Science, and Technology (CAST) at the University of Illinois, Urbana-Champaign.

First of Buffalo's "40 under Forty" award (2004), SME's Milton C. Shaw