

**THE CONCORDIA INSTITUTE FOR INFORMATION SYSTEMS ENGINEERING
IS PLEASED TO PRESENT THE FOLLOWING GUEST LECTURE IN
OUR CIISE SEMINAR SERIES**

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Computer Science & Software Engineering

Trading Agent Competition: Market Design Branch

Abstract: Trading Agent Design has attracted a great deal of attention in the multi-agent, game-theoretic and e-commerce communities. Trading agents act to fulfill their assigned or favorite tasks in an open trading framework. In this talk, I will discuss first the Trading Agent Competition. Then the new emerging branch of Trading Agent Competition called TAC-CAT or TAC-Market Design will be introduced. In CAT, the framework of competition is provided by game organizers. This framework is a virtual market place and each participant should design its own broker agent in order to be able to form its own local market and consequently gain benefits. I will also elaborate on PersianCAT agent, the winner of TAC-CAT 2008, as an example of a broker agent in this game.

Biography: Maziar Gomrokchi received his B.Sc. degree in Computer Science from Shiraz Azad University, Iran, in 2007. He is currently a Master student in Computer Science at Concordia University. His research interests include multi-agent system, algorithmic game theory, and mechanism design.

Thursday, September 25, 2008

**16:00 – 17:00
EV003.309**

Refreshments will be served

(1515 St. Catherine Street West)