Workshop Summary  Collaboration is required when multiple agents achieve complex goals difficult or impossible to attain for an individual agent. This collaboration takes place under conditions of incomplete information, uncertainty, and bounded rationality, much of which has been studied in economics and artificial intelligence. However, many real world domains are characterised by even greater complexity, including unreliable collaborators, complex market and incentive frameworks, and complex transaction costs and organisational structures. This workshop’s thematic focus is on collaborative and autonomous agents that plan, learn, negotiate, coordinate, and act under this complexity. Student participation welcome!

Topics of Interest (not limited to)

Research
- Collaboration frameworks
- Teamwork and joint action
- Organisation/Institutes/Norms
- Task/Resource allocation
- Behaviour modelling/monitoring
- Adherence/Interven. mechanisms
- Incentive frameworks
- Intervention mechanisms
- Agreement technology
- Contract networks/formation

Application Areas
- Collaborative care management
- Disaster management
- Transport/Logistics
- Primary & preventative healthcare
- Chronic disease management
- Unmanned air/land vehicles
- Robotic soccer/Robotic rescues
- Artificial/natural immune systems
- Social networks (Linkedin, etc)
- Smart grid networks

Important Dates
Abstract submission:  April 14, 2010
Full paper submission: April 16, 2010
Notification: May 28, 2010
Camera ready: June 7, 2010

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