COOS: Scope and Theme

There is a strong ongoing trend for traditional organizations to adapt to socially networked nature of human population. This trend allows organizations to be transformed from brick and mortar to a more online nature. In collaborative online organizations workshop, we aim to understand the current range of nascent network centric organizations. In one end of the spectrum, this includes human efforts to form collaborative units. On the other end of the spectrum, we seek to understand techniques and methodologies for constructing online agent organizations that represent interests of their human counterparts and take actions autonomously.

This workshop will reflect the impacts of social network proliferation and start of agent systems that exploit and explore opportunities heralded by the social media and ever faster pace of interconnectivity. Agents must multitask. Beyond performing their design tasks, they must be aware of social climate of their environment. They must account for interactions with other agents and humans so as to perform social acts in order to complement their physical and speech acts.

Substantial amount of research work is ongoing in distributed knowledge management. Therefore, this workshop emphasizes the operational elements of social networks that facilitate elements of online organization. Since this is the inaugural workshop on this topic, we continue to generate interest for a more in depth and wider span of explorations into the future.

Social as well as cognitive foundations surrounding network organizations are of special interest. This includes nature of interactions among individuals engaged in meaningful exchange.

COOS: Topics of Interest

- Agent-based collaborative environments
- Cooperation and collaboration mechanisms
- Collaborative architectures, infrastructures, intelligence, services, filtering or games
- Collaborative social networks and web-based collaboration
- Cloud-based collaboration and crowdsourcing
- Collective benefits of political fallouts and economic externalities
- Computational models of organizations
- Digital communities and virtual organizations
- Distributed technologies for group collaboration
- Globalized networks and grid alliances
- Human/robot collaboration
- Network-centric warfare
- Networked individualism
- Networked organizations
- Social capital and human-centric based group collaboration
- Social networks and community discovery
- Social computing and inter-cultural collaboration
- Theoretical aspects of distributed collaboration

Workshop Committee

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Organizing Committee
2015

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