Proposal for technical session on Intelligent Agent Enabled E-commerce on Heteregeneous Devices

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With the rapid growth of the Internet over the last decade, e-commerce has already emerged as an attractive commercial application. Online e-commerce techniques have evolved from catalog searches on static Web pages at merchant sites to intelligent business processes that improve customer satisfaction and increase profits to sellers. Intelligent software agents have been an enabling technology for improving e-commerce processes. For example, online book merchants Amazon Inc. employs intelligent recommender agents that track customers' browsing and purchase preferences and recommend products similar to their interest. Online auction sites such as E-bay employ sophiticated agents for implementing complex auction algorithms while several online travel merchants use trip-planning agents that determine optimum travel plans for possible travellers. With the popularity of wireless communication and handheld devices, e-commerce has reached its next frontier. Several applications have already been developed that enable e-commerce across heterogeneous devices with varying computing capabilities. The objective of this technical session is to attract research papers and enhance the experience of authors and participants in the area of agent enabled e-commerce applications on heterogeneous devices. Possible topics for papers submitted to this technical session include, but are not limited to, the following:

- Agent enabled e-marketplaces
- Pricing, Negotiation, and Payment issues in e-commerce
- Marketing and Advertising with agents
- E-Government and E-Administration with agents
- Supply chains and Business-to-business processes
- Agent enabled systems for Mobile and Wireless e-commerce
- Security and Trust related issues in e-commerce
- Reliablity in e-commerce systems
- Agent cooperation and competition
- Applications of game theory in e-commerce
- Mobile agents and e-commerce