

INTRODUCTION TO DECISION TECHNOLOGIES FOR MANAGEMENT TRACK

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The goal of DTM is to present topic areas involving the adoption of innovative technology for management decision making. Every year we experience a refreshing degree of turnover in Minitracks, and this year is no exception. Three timely and relevant new minitracks appear in our HICSS-35 offerings: *Decision Technologies for Supply Chain Management*, *Enterprise Architecture, Implementation, and Infrastructure Management*, and *Mobile Commerce: Core Business technology and Intelligent Support*. A brief synopsis of this year's DTM Minitracks:

- *Data Mining and Information Retrieval*. Data mining and information retrieval continues as a timely and exciting field involving exploration of data and knowledge representation schemes such as Web, multimedia and geographic data applied to science as well as management domains.
- *Decision Technologies for Supply Chain Management*. The emergence of electronic commerce has elevated the study of supply chain management as a major topic for re-engineering. This Minitrack discusses the appropriate technologies to support supply chain management at all levels.
- *Enterprise Architecture, Implementation, and Infrastructure Management*. Enterprise architecture is a comprehensive model of an enterprise which acts as a planning and integrating guideline for an organization. Topics addressing business architectures, data architectures, network architectures, and application architectures are covered under this broad umbrella.
- *E-Services*. e-Services refer to electronic services delivered through wireless or land-based Internet. This Minitrack looks at the concepts, methods (e.g., XML), and frameworks likely to underpin this emerging technology.
- *Intelligent Systems and Soft Computing*. This Minitrack focuses on the use of soft computing techniques such as active DSS, fuzzy logic, genetic algorithms, and probabilistic models in the development of intelligent decision systems for the support of managers and knowledge workers.
- *Intelligent Systems in Traffic and Transportation*. This Minitrack continues to explore the application of intelligent systems to the design and management aspects of traffic and transportation systems. This area has become a prime application for intelligent technologies.
- *Mobile Commerce: Core Business Technology and Intelligent Support*. Mobile commerce is the next step in the evolution of electronic commerce. This Minitrack looks at the potential applications for m-commerce and the enabling technologies required to make those applications profitable.
- *Modeling Knowledge-Intensive Processes*. Knowledge management has again emerged as an important paradigm for the IT-based, learning-based organization. This Minitrack continues to explore techniques and methods for capturing knowledge about the critical processes in organizational problem solving.
- *Modeling and Simulation of Natural and Human Systems*. This Minitrack looks at different techniques for modeling nonlinear complex systems. At the forefront of these techniques are agent-based modeling and system dynamics. The objective is to reflect across the various modeling approaches and search for commonalities and places where these techniques can be used in complementary ways.