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. A brief synopsis of this year's DTM Minitracks:

Data Mining and Information Retrieval. This Minitrack continues as a timely and exciting field involving the broad theory and application issues relating to data mining, machine learning, knowledge acquisition, knowledge discovery, information retrieval, data base and inductive decision-making.

Enterprise Systems: Architecture, Implementation, and Infrastructure Management. Enterprise architecture is a comprehensive and holistic model of an enterprise which acts as a planning and integrating guideline for an organization. Topics addressing business, data, application and technology architectures are covered under this broad umbrella.

E-Services. E-services refer to electronic services delivered through wireless or land-based Internet. Conceptual models for e-services, theory or framework construction and e-service application solutions are presented in this Minintrack.

Intelligent Decision Support for E-Logistics and Supply Chain E-logistics and supply chain management require advanced decision technologies for their successful implementation. This Minitrack examines some of these technologies, e.g., agent-based simulation, data mining, optimization, andheuristics, in the context of this class of important applications.

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.

Mobile Commerce: Core Business Technology and Intelligent Support. This Minitrack looks at systems solutions for integrated production and distribution of m-commerce products and services, the associated demand side for these services and products, 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 explores multiple facets of this problem, including the capture and retention of implicit knowledge, and organizational incentives for creating and using process knowledge.

Modeling Nonlinear Natural and Human Systems. This Minitrack is a premier presentation forum for examining recent advances in the areas of agent-based adaptive simulation, system dynamics-based simulation and other approaches to modeling complex, nonlinear systems.

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