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. Two new minitracks appear in our HICSS-34 offerings: e-Services: Models and Methods for Design, Implementation and Delivery and UML: A Critical Review and Suggested Future. A brief synopsis of this year’s DTM Minitracks:

- **Agent-Based Simulation and System Dynamics.** This minitrack has been altered to highlight comparisons and differences between agent-based simulation and system dynamics. Although these two simulation approaches have similar objectives, they adopt quite different means of achieving their goals.

- **Data Mining, Knowledge Discovery, and Information Retrieval.** Data mining and knowledge discovery continues as a timely and exciting field involving the exploration of very large and comprehensive databases which organizations generate from their daily operations.

- **E-Services: Models and Methods for Design, Implementation and Delivery.** Recognizing that software is no longer a product, but rather a service, this new Minitrack investigates the design and development issues which arise from the ASP paradigm.

- **Intelligent Systems and Soft Computing.** This Minitrack focuses on the use of soft computing techniques such as active DSS, fuzzy logic, and genetic algorithms in the development of intelligent decision systems for the support of managers and knowledge workers.

- **Intelligent Systems in Traffic and Transportation.** This growing Minitrack continues to explore the interface of decision technologies with the strategic planning of traffic and transportation systems. The focus is on urban, regional and intercity transportation networks for passenger and freight transportation.

- **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.

- **Unified Modeling Language: A Critical Review and Suggested Future.** The acceptance of UML as an industry standard has moved this methodology to the front and center of contemporary information systems design. However, there are still gaps in the UML semantics which have potentially adverse impacts upon applications. This new Minitrack examines these issues and their implications for application development.