

# MIS Quarterly

SPECIAL INTEREST

## MIS DOCTORAL DISSERTATIONS: 1997–1998

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This is the 17th year that the *MIS Quarterly* has published a listing of MIS dissertations to provide an updated source index to the MIS dissertation literature. Abstracts of most of the dissertations can be found in *Dissertation Abstracts*, available in university libraries and accessed through CD-ROM and online access search procedures. Dissertation abstract identification numbers are provided in the listing if available by the publication date. The 500 to 1,000 word abstracts provide a short description of the research topic, methodology, and findings. Complete dissertations are available through University Microfilms:

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Until 1994, the process of locating dissertations considered to be MIS depended on a keyword search of dissertation titles in *Dissertation Abstracts*. This process was previously described and validated.<sup>1</sup> Since 1995, messages requesting submission of dissertation listings have been broadcast through ISWorld and specialized list servers. The request is for dissertations in English. We have accepted some dissertations where the title and abstract are in English although the dissertation itself is not.

We continue to search *Dissertation Abstracts* in addition to eliciting contributions directly from MIS faculty. A combination of search and eliciting processes are required. A search of Dissertation Abstracts may not find some dissertations because the titles do not contain key words used in the search, some schools are not included, many non-U.S. universities are not included, and there are often substantial delays in publication of abstracts.

Until 1995, the cutoff dates for dissertations to be included were not consistently handled. This year, the announced period was July 1997 through June 1998. This fits the way dissertations are reported in *Dissertation Abstracts*. Dissertations missed in the past listings are included without regard to the date.

The list this year includes 147 dissertations. There are 50 dissertations from universities outside the U.S.A. and Canada (Austria, Australia, Finland, Germany, Hong Kong, India, Ireland,

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<sup>1</sup>Hamilton, J. S., Ives, B., and Davis, G. B. "MIS Doctoral Dissertations 1973–1980," *MIS Quarterly* (5:23), June 1981, pp. 61–83.

Netherlands, New Zealand, Norway, Singapore, South Africa, and the United Kingdom).

One of the difficulties in preparing the list of dissertations has been to draw the boundary between MIS dissertations and dissertations that use the domain of MIS but are essentially outside the field. The general rules for inclusion are:

1. Dissertations in an established MIS program. The rule is based on the idea that MIS dissertations reflect what MIS programs and graduates taking MIS positions are doing.
2. Dissertations in programs that are not clearly defined as MIS but some of their students are considered MIS and take MIS positions. Inclusion is based on the topic of the dissertation.
3. Dissertations outside MIS groups that match the domain of MIS. They would be considered good MIS research if done within an MIS group. The reason for including them is because of the absence of MIS programs in some universities and because they are of interest to the MIS research community.

Generally excluded are dissertations that are primarily computer science, decision sciences, or artificial intelligence. Also excluded are applications of MIS in areas such as education, health care, etc., where the emphasis is on the application domain rather than MIS.

The listings in the *MIS Quarterly* began in 1981 with a list spanning the years 1973-1980. Yearly lists have been published thereafter. The list of dissertations from 1973 through June 1998 is available through the *MIS Discovery* website: <http://www.misq.org/discovery/home.html>. It can also be accessed through ISWorld Net: <http://www.isworld.org/isworld.html>.

Individuals who find their dissertations are not listed may submit the title for inclusion in the database and for next year's list to:

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Adya, M., *Critical Issues in the Extension of Rule-based Forecasting Systems: Refinement, Evaluation and Validation*, Case Western Reserve University, 1997 (DA9812265).

Allen, J. W., *The Relationship between Microcomputer Playfulness and End-user Intention to Adopt Information Technology*, Georgia State University, 1998 (DA9824391).

Allen, R., *Incorporating Value Judgments in Data Envelopment Analysis*, Warwick University (United Kingdom), 1997.

Baek, S., *Knowledge Management for Multimedia Systems Design: Toward Intelligent Web-based Collaboration*, George Washington University, 1998.

Bajaj, A., *Managing Business Workflows Using a Database Approach: A Formal Model, a Case Study and a Prototype*, University of Arizona, 1997 (DA9806832).

Bandyopadhyay, K., *An Investigation of the Adoption of Disaster Recovery Planning by Health Maintenance Organizations*, University of Texas, Arlington, 1997.

Barrett, D. M., Jr., *Problem Definition, Divergent Thinking, and Decision Support: An Empirical Analysis*, Georgia State University, 1997 (DA9814725).

Benamati, J. H., *Managing Information Technology in a Changing Information Technology Environment*, University of Kentucky, 1997 (DA9805589).

Berry, M., *Distributed Cognition and Computer Supported Collaborative Design: The Organization of Work in Construction Engineering*, Brunel University (United Kingdom), 1998.

Biros, D. P., *The Effects of Truth Bias on Artifact-User Relationships: An Investigation of Factors for Improving Deception Detection in Artifact-produced Information*, Florida State University, 1998.

Bons, R. W. H., *Designing Trustworthy Trade Procedures for Open Electronic Commerce*, Erasmus University Rotterdam (The Netherlands), 1997.

- Booth, M. E., *Competitiveness in the 1990s and Beyond: IT and IS Management in a Dynamic Environment*, Queen's University of Belfast (Ireland), 1998.
- Bose, I., *Asynchronous Transfer Mode Networks with Multiple Service Classes and Parallel Links*, Purdue University, 1997.
- Butcher, G. G., *Addressing Software Volatility in the System Life Cycle*, Colorado Technical University, 1997 (DA9815557).
- Chang, C. P. F., *Analysis of Information Process for Software Development Productivity*, University of Southern California, 1997 (DA9816085).
- Chatterjee, D., *Managing the Deployment of Web Technology: Influence of Organizational and Web Management Characteristics*, Florida State University, 1997 (DA9816177).
- Choi, J. Y., *A Model for Estimating Software Size for Large-scale Business Applications*, University of Texas, Arlington, 1997 (DA9810381).
- Clark, B. K., *The Effects of Software Process Maturity on Software Development Effort*, University of Southern California, 1997 (DA9816016).
- Clark, S., *The Decision to Telework: An Investigation of Influential Factors*, Claremont Graduate School, 1998.
- Croteau, A-M., *Alignment Between Technological Deployment and Business Strategies: A Contribution to Organizational Performance*, Laval University (Canada), 1998.
- Curram, S., *Representing Intelligent Decision Making in Simulation Models: A Neural Network Approach*, Warwick University (United Kingdom), 1997.
- Davidson, R., *An Action Research Perspective of Group Support Systems: How to Improve Meetings in Hong Kong*, City University of Hong Kong (Hong Kong), 1998.
- Draper, G., *Requirements Determination for Different Types of Information System*, Warwick University (United Kingdom), 1998.
- Duggan, E. W., *Integrating Nominal Group Technique and Joint Application Development: Impacts on the Effectiveness of Systems Requirements Determination*, Georgia State University, 1998 (DA9835211).
- Duimering, R., *The Role of Image and Language in Formal Hierarchical Communication in Organizations*, University of Waterloo (Canada), 1997 (NQ30603).
- Edberg, D., *Viewing Software Enhancement through an Organizational Learning Lens*, Claremont Graduate School, 1998.
- Eder, L. B., *An Examination of Information Technology Diffusion and Infusion: A Technological Innovation Perspective of Intranet Implementation Success*, Drexel University, 1998 (39676202).
- Faraj, S. A., *Coordinating Expertise in Software Development Teams*, Boston University, 1998 (DA9813453).
- Farrukh, G. A., *A Method and Software Engineering Environment for Configuring Applications from Reusable Specifications and Architectures*, George Mason University, 1998 (DA9829069).
- Finnigan, P., *Inter-organizational Systems Planning: An Exploratory Study*, Warwick University (United Kingdom), 1998.
- Flynn, V., *The Impact of Organizational Change on the Role of the Systems Analyst*, Warwick University (United Kingdom), 1998.
- Fox, T. L., *An Examination of the Effect of Decision Style on the Use of a Computerized Project Management Tool*, University of North Texas, 1997.
- Furick, R. P., *Building Competitive Advantage in Shrinkwrap Software: The Role of Technical Support*, University of Washington, 1997 (DA9819236).
- Gallaughier, J. M., *Network Externalities and Vertical Integration: The Case of the World Wide Web Software Market*, Syracuse University, 1997 (AAG9820996).
- Gallivan, M. J., *Reskilling IS Professionals: Individual and Organizational Adaptation to Software Process Innovations*, Massachusetts Institute of Technology, 1997.

- Garvin, T. P., *Information Systems and the World-class Organization: A Study of Information Systems Executives' Perceptions*, University of Nebraska, Lincoln, 1997 (DA9805504).
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- Gefen, D., *Building Users' Trust in Freeware Providers and the Effects of This Trust on Users' Perceptions of Usefulness, Ease of Use and Intended Use of Freeware*, Georgia State University, 1997, DA9814724.
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- Glynn, M. S., *Successful Behaviors in Information Systems Development Teams*, University of Arizona, 1998 (DA9831850).
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- Grazioli, S., *Detecting Manipulations of Financial Information*, University of Minnesota, 1997.
- Grenci, R. T., *A Business Value Complementarity Analysis of Information Technology Enabled Customization*, University of Texas, Austin, 1997 (DA9824947).
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- Haley, B. J., *Implementing the Decision Support Infrastructure: Key Success Factors in Data Warehousing*, University of Georgia, 1997 (DA9817801).
- Hawat, P., *The Variation in the Use of I-CASE Toolsets: A Grounded Theory Approach*, University of Cape Town (South Africa), 1998.
- Hayman, A., *Knowledge Work and Information Technology: A Case Study in Litigation Support*, Brunel University (United Kingdom), 1997.
- Head, M. M., *User Interface Features: Facilitating Information Access and Decision Making*, McMaster University (Canada), 1998.
- Heath, J., *Culture, Mindscapes, and Technology*, University of Hawaii, 1997 (9801445).
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- Hoogeweegen, M. R., *Modular Network Design: Assessing the Impact of EDI*, Erasmus University Rotterdam (The Netherlands), 1997.
- Hovenden, F., *Exploring a Phenomenologically Based Approach to Software Development*, Brunell University (United Kingdom), 1998.
- Huff, R. A., *An Experimental Investigation of Information Systems Project Escalation: An Examination of Contributory Factors in a Business Environment*, University of North Texas, 1997 (DA9801386).
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