JITTA
JOURNAL OF INFORMATION TECHNOLOGY THEORY AND APPLICATION

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Welcome to the first issue of the *Journal of Information Technology Theory and Application*!

JITTA originated in the Spring 1998 when students of Dr. Peffers came up with the idea of building an electronic journal, edited and published by students, addressed to students, managers, and scholars interested in applying IT theory to the firm. Dr. Peffers agreed to publish the journal and helped us to recruit people from around the world as authors, reviewers, and as members of our editorial group.

JITTA's mission is to publish the best of applied research, written by students and others, on the use of IT theory. Our audience is students, researchers, managers and others who are interested in learning from the application of IT to real business problems. *JITTA* publishes papers such as:

- Case studies that investigate the use of IT theory to solve real problems in the firm.

- Review papers that review the applicability of IT theory and IT application to solve business problems.

- Studies of the IT profession that investigate careers in IT occupations.

- Executive commentary, including interviews of business leaders and opinion articles written by business executives and managers.

- International and cross cultural comparisons of the use of IT in transnational settings.

- Surveys that investigate the application of IT and IT theory across or within firms.

- Other articles that would be of interest to *JITTA*'s audience.

In our first issue, we have a research survey report and three papers. Each of the four papers makes it's own unique contribution to the study of IT.

Ken Peffers and Stacy Bloom report, in "Internet-based Innovations for Teaching IS Courses: The State of Adoption, 1998-2000," on preliminary results of a survey of IS faculty about the use of Internet-based teaching innovations to support IS courses at universities worldwide. The results are dramatic. More than 50% of IS faculty use the Internet to teach IS and a smaller number appear to be prepared to teach IS courses completely online.

In "Goal programming techniques to support end-user decision making", Jeff Butterfield, Scott Butterfield, and Joseph Geiger presents the use of goal programming and DSS to solve complex decisions practically.

Ryan Neary, in "Building data warehouse and data mining for a strategic advantage," applies the use of IT to the firm. Neary investigates how to implement a data warehouse and use data mining tools in order to provide accurate data to decision-makers more effectively and efficiently. This is useful to both practitioners and researchers.

Most organizations find IT implementation difficult. This last paper helps practitioners to overcome this hindrance. In "Information Systems Innovation: Diffusion and Implementation Issues", Raisinghani and Ramsaroop present the theory of IS innovation, diffusion, and implementation by using the implementation of activity based costing as an example.

In conclusion, we would like to mention our future plans for JITTA. Initially, we are planning to publish two issues per year. In our first issue we have published some extremely interesting and high quality work. In order to achieve this production schedule, we need to continue to receive high quality papers. We hope that you will consider sending us your manuscripts for quality papers that apply IT theory to the business environment.

Finally, we are open to any comments about future development of our journal; therefore, please share your opinions with us by mailing to editor@jitta.org