

## **Volume 36, Number 3 — September 2012**

### **Senior Editor Note**

Dale L. Goodhue (pp. 943)

### **Issues and Opinions**

On the Use of Neurophysiological Tools in IS Research:

Developing a Research Agenda for NeuroIS

Angelika Dimoka, Rajiv D. Banker, Izak Benbasat, Fred D. Davis, Alan R. Dennis, David Gefen, Alok Gupta, Anja Ischebeck, Peter H. Kenning, Paul A. Pavlou, Gernot Muller-Putz, Rene Riedl, Jan vom Brocke, and Bernd Weber

(pp. 679-702)

Comparing PLS to Regression and LISREL: A Response to Marcoulides, Chin, and Saunders

Dale L. Goodhue, William Lewis, and Ron Thompson

(pp. 703-716)

When Imprecise Statistical Statements Become Problematic: A Response to Goodhue, Lewis, and Thompson

George A. Marcoulides, Wynne W. Chin, and Carol Saunders

(pp. 717-728)

Generalization and Induction: Misconceptions, Clarifications, and a Classification of Induction

Eric W. K. Tsang and John N. Williams

(pp. 729-748)

Conceptualizing Generalizability: New Contributions and a Reply

Allen S. Lee and Richard L. Baskerville

(pp. 749-761)

### **Research Essays**

The Roles of Theory in Canonical Action Research

Robert M. Davison, Maris G. Martinsons, and Carol X. J. Ou

(pp. 763-786)

Principles for Conducting Critical Realist Case Study Research in Information Systems

Donald Wynn, Jr., and Clay K. Williams  
(pp. 787-810)

How to Conduct a Functional Magnetic Resonance (fMRI) Study in Social Science Research

Angelika Dimoka  
(pp. 811-840)

**Research Articles**

A Knowledge-Based Model of Radical Innovation in Small Software Firms

Jessica Luo Carlo, Kalle Lyytinen, and Gregory M. Rose  
(pp. 865-895)

Information Technology Implementers' Responses to User Resistance: Nature and Effects

Suzanne Rivard and Liette Lapointe  
(pp. 897-920)

Standards Competition in the Presence of Digital Conversion Technology: An Empirical Analysis of the Flash Memory Card Market

Charles Zhechao Liu, Chris F. Kemerer, Sandra A. Slaughter, and Michael D. Smith  
(pp. 921-942)

Building Member Attachment in Online Communities: Applying Theories of Group Identity and Interpersonal Bonds

Yuqing Ren, F. Maxwell Harper, Sara Drenner, Loren Terveen, Sara Kiesler, John Riedl, and Robert E. Kraut  
(pp. 841-864)

**Research Notes**

A Research Note on Representing Part-Whole Relations in Conceptual Modeling

Gove N. Allen and Salvatore T. March  
(pp. 945-964)

The Hole in the Whole: A Response to Allen and March  
Graeme Shanks and Ron Weber  
(pp. 965-980)

Does PLS Have Advantages for Small Sample Size or  
Non-Normal Data?  
Dale L. Goodhue, William Lewis, and Ron Thompson  
(pp. 891-1001)

Assessing Common Method Bias: Problems with  
the ULMC Technique  
Wynne W. Chin, Jason Bennett Thatcher, and Ryan T. Wright  
(pp. 1003-1019)