

PUBLICATIONS (Maria Vicente Bonto-Kane)

Textbooks

- 2003 **Web Information Systems** (textbook for graduate course IS 226-Web Information Systems)
by Concepcion Khan and Marivic A. Bonto-Kane, **University of the Philippines, Los Banos**

Technical Journals

- 2007 ***Pervasive 2007: It's About the User***
by Maria Vicente A. Bonto-Kane, Alvin Chin, Sheila McCarthy, Mayuree Srikulwong, and Paul J. Timmins
IEEE Pervasive Computing, Vol. 6, No. 4, pp 95-97. (October-December, 2007)
- 2007 ***Use of Formal Computational Models for Designing Intelligent User Interfaces***
by Maria Vicente A. Bonto-Kane and Robert St. Amant
ACM International Conference Proceedings, Vol. 309, September, 2007.
- 2006 ***Engineering Models of Human Performance on the Design of Mobile Device Interfaces***
by Maria Vicente A. Bonto-Kane (PhD Written Preliminary Exams)
NCSU Computer Science Technical Report, TR-2008-11.
- 1995 ***Handwriting Recognition and Soft Keyboard Study***
by Naomi A. Kleid and Marivic A. Bonto, **IBM Technical Report** (December, 1995)
- 1994 ***The Effect of Speech Intelligibility on Concurrent Visual Task Performance***
by David G. Payne, Leslie J. Peters, Deborah P. Birkmire, Marivic A. Bonto, Jeffrey Anastasi, and Michael J. Wenger, **Human Factors** (September, 1994).
- 1991 ***On the Role of Environmental Context in Eyewitness Memory (Masters Thesis)***
by Marivic A. Bonto and David G. Payne, **American Journal of Psychology** (Spring, 1991).

Conference Presentations

- 2009 ***Finding and Maintaining a Job with the US Department of Defense***
by Maria Vicente A. Bonto-Kane, **Poster, Grace Hopper 2009**, Tucson, AZ, Oct 2009
- 2009 ***The Mentoring Experience: How to Seek a Mentor and Make the Most Out of the Experience***
by Maria Vicente A. Bonto-Kane, **Poster, Grace Hopper 2009**, Tucson, AZ, Oct 2009
- 2009 ***Seeking, Structuring, Developing, and Evaluating Your Experience with a Mentor***
by Maria Vicente A. Bonto-Kane, **STARS Celebration 2009**, Tallahassee, FL, Aug 9-12, 2009
- 2009 ***Seeking Employment: Industry or Academia? How about the Government?***
by Maria Vicente A. Bonto-Kane, **STARS Celebration 2009**, Tallahassee, FL, Aug 9-12, 2009
- 2009 ***Milliseconds Do Matter: How Computational Modeling Approaches Help Guide Design Efforts for Usability***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **NCSU CSC Symposium on Graduate Research 2009**
- 2009 ***Probabilistic, Computational Modeling and Empirical Approaches Help Guide Design Efforts for Usability***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **University Symposium on Graduate Research 2009**
- 2009 ***Computational Modeling Approaches Help Guide Early Design Efforts for Usability***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Paper, Richard Tapia Conference 2009**
- 2009 ***Timed Causal State Splitting Reconstruction (T-CSSR) Algorithm***
by Maria Vicente A. Bonto-Kane and Christopher Griffin, **Poster, Richard Tapia Conference 2009**
- 2009 ***Variance in Execution of GOMS Keyboard Level Operators Show Alternative Directions in Designing and Evaluating Interfaces***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Poster, Richard Tapia Conference 2009**
- 2009 ***How Formal Computational Models Can Guide Initial Design Efforts on Usability***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Poster, Richard Tapia Conference 2009**
- 2008 ***Examination of Variance in Production of Task Operators Questions GOMS Ability for a Quick Semi-Automated Usability Assessment of User Interfaces***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Poster, Grace Hopper Conference 2008**
- 2008 ***Formal Computational Models give Guidance to Initial Design Efforts for Usability***
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Poster, Grace Hopper Conference 2008**

- 2008 *Extending Causal State Splitting Reconstruction(CSSR) Algorithm*
by Maria Vicente A. Bonto-Kane, **Paper ECE Fall Seminar 2008** (NCSU, September 13, 2008)
- 2008 *Timed-Causal State Splitting Reconstruction (T-CSSR) Algorithm*
by Maria Vicente A. Bonto-Kane and Christopher H. Griffin, **ORNL Poster Session 2008** (ORNL, Oak Ridge, TN, August 6, 2008)
- 2008 *Contributions of Formal Computational Approaches to Designing and Evaluating Human-Machine Interfaces*
by Maria Vicente A. Bonto-Kane and Robert St. Amant, **Symposium on Graduate Research 2008** (NCSU, Raleigh, NC)
- 2008 *Use of Markov Models for Designing Intelligent Mobile Device Interfaces*
by Maria Vicente A. Bonto-Kane, **Poster, ECE Graduate Research Spring Seminar 2008** (Raleigh, NC)
- 2007 *Formal Modeling to Improve Automation in Device Interfaces*
by Maria Vicente A. Bonto-Kane, **Poster, Life Science Automation 2007** (Leesburg, VA)
- 2007 *Use of Markov Models for Designing Intelligent Mobile Device Interfaces*
by Maria VicenteA. Bonto-Kane, **Technical Poster, Grace Hopper Conference 2007** (Orlando, FL)
- 2007 *Use of Formal Computational Models for Designing Intelligent Mobile Device Interfaces*
by Maria VicenteA. Bonto-Kane, **Doctoral Colloquium, Richard Tapia Conference 2007** (Orlando, FL)
- 2007 *Use of Formal Computational Models for Designing Intelligent Mobile Device Interfaces*
by Maria VicenteA. Bonto-Kane, **Doctoral Colloquium, MobileHCI 2007** (Singapore)
- 2007 *Use of Markov Models for Designing Intelligent Mobile Device Interfaces*
by Maria Vicente A. Bonto-Kane, **Doctoral Colloquium, Pervasive Computing 2007** (Toronto, Canada)
- 1998 *SEI's Commercial-off-the-Shelf (COTS) Based Systems Initiative: An Appropriate Response to Reuse in Object Oriented Systems Development*
by Marivic A. Bonto-Kane, Michael B. Kachmarik, and Walker H. Land, **OOPSLA'98 ACM Society** (Vancouver, Canada)
- 1996 *Handwriting Recognition and Soft Keyboard Study*
by Naomi A. Kleid and Marivic A. Bonto-Kane, **Proceedings of the Human Factors and Ergonomics Society 40th Annual Meeting.** (Philadelphia, PA)
- 1992 *Using Corporate Guidelines to Develop Abstract Icons -- A Difference of Opinion*
by Michael P. Heck, James R. Rudd, and Marivic A. Bonto, **Proceedings of the 1992 IBM Human Factors/Product Usability ITL Meeting.** (Toronto, Canada)
- 1991 *Changes in Speech Intelligibility Impact Performance on Some But Not All Non-Auditory Tasks*
by David G. Payne, Marivic A. Bonto, Craig Lampkin, Angela Martinez, Craig Meisel, and Michael Savastano, **Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association (62nd).** (New York, NY)
- 1990 *The Effects of Speech Intelligibility on Visual Task Performance Levels*
by David G. Payne and Marivic A. Bonto, **Proceedings of Human Factors Society 34th Annual Meeting.**
- 1990 *Examination of Interference Effects in the Modified Test*
by Marivic A. Bonto and David G. Payne, **Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association (61st).** (Philadelphia, PA)
- 1989 *The Effects of Misleading Postevent Information on Original Memory*
by Marivic A. Bonto and David G. Payne, **Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association (60th).** (Boston, MA)
- 1988 *Does Misleading Postevent Information Affect Accessibility of Original Memory?*
by David G. Payne and Marivic A. Bonto, **Psychonomics Society Conference** (Proceedings).
- 1988 *A Comparison of Sequential Processing Tasks in Humans*
by Heather Gitlin, Marivic A. Bonto, Peter J. Donovan, and Richard G. Burrig, **Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association (59th).** (Buffalo, NY)