

**Call for Full Paper Presentations**  
***The Fifth Workshop on the Impact of Pen-based Technology on Education***  
October 25-26, 2010  
Virginia Tech  
Conference Web Site: [www.wipte.org](http://www.wipte.org)

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**Submissions Due: June 30, 2010**

**Content:**

WIPE seeks full paper submissions from individuals with experience deploying pen-based pedagogy in varied educational environments. All submissions will be peer reviewed. The review process will look for contributions that discuss deployments of Tablet PCs and pen-based educational solutions coupled with reports the assessment of the deployment. Within the context of this focus, however, the workshop seeks to be inclusive with respect to the following:

- \* Submissions related to all education settings, especially higher education, but also including K12, continuing education, distance education, and corporate training are welcome.
- \* Contributions that focus on a specific discipline or subject area, or those that cut across areas, are welcome.
- \* Contributions are welcome to define "Education" broadly to include in-class experiences as well as activities that occur outside the classroom. Similarly, contributions can focus on student activities, teacher activities, or a combination of the two. In particular, contributions can describe support for synchronous teaching and learning and/or asynchronous activities such as grading written work, studying for exams, preparing for class presentations, etc.
- \* Successful submissions will include an evaluation component that will typically consider one or more of the following areas: impact on student attitudes; impact on teacher attitudes; impact on learning outcomes; impact on the classroom dynamic; impact on student retention and/or attendance; impact on homework submissions; impact on recruiting teachers and/or students; impact on teacher efficiency and workload; any of the preceding categories or any other category as it relates to impact on special populations, students with special needs, or specific areas of national need. While we expect many evaluations to be largely positive, we recognize the value of sharing what has not worked as well as what has. Therefore, the evaluation component may include positive outcomes, negative outcomes, or a mixture of the two.
- \* Contributions may report on "out of the box" deployments of Tablet PCs, experiences with commercial educational software solutions, open-source software solutions, locally developed systems, or combinations of the two approaches. Solutions that are described should be generally available to the public, either commercially or otherwise.

This list is not intended to be exhaustive. While we welcome submissions that may lie outside of the areas listed above, we encourage all submissions to describe pen-based solutions with discussion of the impact on teaching and/or learning, with such discussion having empirical backup in actual classroom

assessment. Topics that do not have a rigorous assessment should not be submitted as a full paper. Instead, these submissions should be made through the WIPTE “Call for Posters and Short Presentations” (see separate call).

## **Full Paper Submissions Guidelines**

### **Important Dates:**

**March 16, 2010** -- Submissions will be accepted starting on this date.

**June 30, 2010** -- Deadline for paper submissions.

**August 6, 2010** – Author notification.

**October 25 – 26, 2010** -- WIPTE convenes.

**Submission Content and Style:** Each submission should be organized as a vignette that describes a deployment of Tablet PCs (or pen-based video tablets, or pen-based graphics tablets) and supporting software in an educational setting. The audience for this workshop is diverse in terms of discipline, grade-level, and educational settings. Therefore, vignettes should be written in language that is accessible to educators and instructional technologists at various levels who work in a variety of contexts. This means that academic jargon should be minimized and discipline specific terms should be explained. While it may well be appropriate to provide concrete examples from specific content areas, these examples should be presented in a way that will be accessible to a broad audience. The final collection of accepted vignettes will be assembled into a compilation that will be prefaced by a brief overview of pen-based computing hardware. Therefore, individual vignettes do not need to define the concept of a Tablet PC.

Each submission should consist of required sections (a) through (f) followed optionally by any of the sections (g) through (j).

a) Title

b) Author name(s), affiliation, and contact information

c) Abstract: The abstract is limited to 200 words and should provide a succinct and self-contained summary of the vignette. The abstract should include information about the educational setting (higher education, K12, etc.) in addition to other information that will help a potential reader judge the relevance of the vignette to his/her interests.

d) Problem Statement and Context: This required section should describe the problem(s) or challenges that your deployment sought to address and should also set the overall context for your work. For example, it may be appropriate to briefly describe your project's educational setting.

e) Solution Employed: This required section should describe your solution to the challenges outlined in the previous section. As appropriate, describe the activities that used pen-based computing to support teaching and learning. The goal of this section is to paint a mental picture that allows the reader to envision your solution and its key attributes. It is important that papers clearly explain (and/or show with figures) how pen-based computing was leveraged. Note the difference between writing: “and the students took notes” versus “and the students took notes using digital ink” versus “and the students took notes using a mixture of typed text and digital ink”. Please be clear about how pen-based computing was used.

f) Evaluation: This required section should report on the evaluation of your solution. This section will typically consider one or more of the following areas: impact on student attitudes; impact on teacher attitudes; impact on learning outcomes; impact on the classroom dynamic; impact on student retention and/or attendance; impact on homework submissions; impact on recruiting teachers and/or students; impact on teacher efficiency and workload; any of the preceding categories or any other category as it relates to impact on special populations, students with special needs, or specific areas of national need. While we expect many evaluations to be largely positive, we recognize the value of sharing what has not worked as well as what has. Therefore, the evaluation component may include positive outcomes, negative outcomes, or a mixture of the two.

g) Future Work: This optional section should outline areas of future study that are suggested by your project.

h) Additional Resources: This optional section can point readers toward additional resources related to your vignette. For example, this section might point readers to a project web page, an online video that shows your work, etc. Note that such additional resources are not required and will not influence the review process which will consider the vignette as a self contained document.

i) Acknowledgements: This optional section provides an opportunity for acknowledgements (e.g., grant support) if appropriate.

j) References: This optional section is to be used for vignettes that have formal references. Note that references should only be used when there is a specific anchor point in the text that refers to an external source. For general resources that do not have such an anchor point, use the "Additional Resources" section as described above. More information on formatting references is described in Appendix A.

**Submission Instructions:** Submissions must be received on or before June 15, 2010. Specific submission instructions will be announced on the conference web site ( [www.wipte.org](http://www.wipte.org) ) no later than March 16, 2010.

**Review Process:** Each submission will be reviewed by at least two reviewers selected from the organizing committee and/or the review committee.

**Presentations and Dissemination:** Authors of accepted submissions will be invited to give a presentation at WIPTe, 2010. Papers from WIPTe 2009 were printed in a book that was published by Purdue University Press ( [www.thepress.purdue.edu](http://www.thepress.purdue.edu) ). A similar book was published based on the 2008, 2007 and 2006 conferences and we anticipate doing this again for the 2010 conference. All of these volumes are available on amazon.com

**Questions:** General questions can be addressed to any member of the organizing committee. Questions about local arrangements should be addressed to Cheryl Peed or Joe Tront. Questions about submissions and the review process should be addressed to Dave Berque. Questions about vendors and corporate sponsorship should be addressed to Zvi Ritz.

## **Appendix A: Paper Formatting Instructions**

### **General:**

Submissions are limited to five single column pages. This is a strict page limit that includes figures and references if either is included in the vignette. Submissions should use 8.5x11" paper with 1" margins on all sides. Submissions should use the Times Roman (12 Point) font for each section of the paper unless otherwise noted below. The paper should be fully justified (left and right) and should have tab stops set to

.35 inches. The first line of each paragraph should be indented. The paper should be single spaced. If possible, add .06" of extra space between each paragraph.

**Title:**

The title should be in 14 point, bold, centered, and in all caps. Leave one blank line above the title and two blank lines below the title and above the author's name.

**Author, Affiliation, and Contact Information:**

Include the name, affiliation, and email address of each author. Use any reasonable formatting style (side-by-side or one below the other) for multiple authors. You are free to include whatever information you wish as part of the affiliation. This information can be on multiple lines and can include any of the following: school or organization name, department name, etc. The author's names should be Times Roman 12 point bold face and mixed case (upper and lower). The remaining author information (affiliation, email, etc.) should be Times Roman 12 point italics face with mixed case.

**Sections and Subsections:**

Section headings should be all caps, bold face, and left-justified. Each section heading should be numbered 1, 2, 3, etc. Subsections headings, if any, should be mixed case and italics. They should be numbered as in 1.1, 1.2, 1.3, etc. The first section is the abstract, the second section is the "problem statement and context". See text above for a listing of required and optional sections. Add a blank line above each section and subsection heading.

**Figures, Tables, and Images:**

If your paper includes images they can be embedded directly in the document at an appropriate point. Below the image include a caption such as: "Figure 1: Your Caption" or "Table 1: Your Caption". In the text of the paper refer to the figures and tables by name. For example, "As indicated in Figure 1, Tablet PCs can be used by young students." If your paper is selected for publication in a book you may be required to supply copies of Figures as separate high resolution graphics files at a later date. Thus it is a good idea to save original copies of your images in the highest resolution (there is no need to submit these separate images now).

**References:**

The following guidelines for producing references are excerpted from the "ACM Word Template for SIG Site." While there are many acceptable ways to format references, it is important that submissions have a consistent style. We have selected a system that is simple and easy to use.

Most of the "ACM Word Template for SIG Site" document is not relevant to our purposes. There is no need for you to refer to the complete document, but we provide a link to it for your information only: [www.acm.org/sigs/pubs/proceed/pubform.doc](http://www.acm.org/sigs/pubs/proceed/pubform.doc)

For our purposes we are interested only in the subset of the document that describes the guidelines used for references. These are stated to be:

"Use the standard Communications of the ACM format for references – that is, a numbered list at the end of the article, ordered alphabetically by first author, and referenced by numbers in brackets [1]. See the examples of citations at the end of this document."

If there are multiple sources for the same citation please order them numerically within the square brackets. For example: This sentence is supported by multiple authors [2, 4].

If you wish to name the authors as part of your writing you can do so like this: As Smith has pointed out, it is crucial to have an evaluation plan in place [8].

The reference section at the end of your document would then be formatted like the example shown below (taken from <http://www.acm.org/sigs/pubs/proceed/pubform.doc> ). We are not terribly concerned

about precise spacing at this point. However, we do want everyone who has references in their papers to use the square bracket notation as outlined in this document.

- [1] Bowman, B., Debray, S. K., and Peterson, L. L. Reasoning about naming systems. *ACM Trans. Program. Lang. Syst.*, 15, 5 (Nov. 1993), 795-825.
- [2] Ding, W., and Marchionini, G. *A Study on Video Browsing Strategies*. Technical Report UMIACS-TR-97-40, University of Maryland, College Park, MD, 1997.
- [3] Fröhlich, B. and Plate, J. The cubic mouse: a new device for three-dimensional input. In *Proceedings of the SIGCHI conference on Human factors in computing systems (CHI '00)* (The Hague, The Netherlands, April 1-6, 2000). ACM Press, New York, NY, 2000, 526-531.
- [4] Lamport, L. *LaTeX User's Guide and Document Reference Manual*. Addison-Wesley, Reading, MA, 1986.
- [5] Sannella, M. J. *Constraint Satisfaction and Debugging for Interactive User Interfaces*. Ph.D. Thesis, University of Washington, Seattle, WA, 1994.

**Sample:** The example on the next page will give you an idea of how to format a paper submission for WIPTE.

**THIS IS THE TITLE OF THE PAPER  
NOTE THAT IT IS 14 POINT AND IN ALL CAPS**

**John Johnson**

*Affiliation information can be placed here.  
Use any reasonable layout for this information.  
For multiple authors use any reasonable format.*

**1. ABSTRACT**

This is a required section. An abstract that describes your work would be placed here. This abstract is limited to 200 words and should give the reader an overview of the content of the paper.

**2. PROBLEM STATEMENT AND CONTEXT**

This is a required section. This is the first paragraph of the section that discussed the problem statement and provides the context of your work. Suppose this sentence is supported by one of my references [2]. On the other hand, a different reference might make an alternative point [1].

**3. SOLUTION EMPLOYED**

This is a required section.

**4. EVALUATION**

This is a required section.

**5. FUTURE WORK**

This is an optional section and may be omitted.

**6. ADDITIONAL RESOURCES**

This is an optional section and may be omitted.

**7. ACKNOWLEDGEMENTS**

This is an optional section and may be omitted.

**REFERENCES (this section is also optional)**

- [1] Bowman, B., Debray, S. K., and Peterson, L. L. Reasoning about naming systems. *ACM Trans. Program. Lang. Syst.*, 15, 5 (Nov. 1993), 795-825.
- [2] Ding, W., and Marchionini, G. *A Study on Video Browsing Strategies*. Technical Report UMIACS-TR-97-40, University of Maryland, College Park, MD, 1997.