

Call for Papers

Workshop on the Impact of Pen and Touch Technology on Education (WIPTTE 2014)

March 12-15, 2014

Texas A&M University, College Station, Texas, USA

<http://www.wiptte.org>

Dear Colleague,

The primary focus of WIPTTE 2014 is to understand, share and expand the impact of pen and touch interfaces on learning and education.

Review and topics. All submissions will be peer reviewed. Contributions are welcome to define "Education" broadly to include in-class experiences as well as learning activities that occur outside the classroom. Potential topics appear below for each strand, though the summaries are intended to serve as examples and are not comprehensive.

Successful submissions in the **Technology in Practice** strand will typically consider impact in one or more of the following areas:

- student or teacher attitudes
- learning outcomes
- classroom social and instructional dynamics
- variations of classroom flipping strategies
- student retention and/or attendance
- homework submissions and collaboration systems
- recruiting teachers and/or students
- teacher efficiency and workload

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.

Successful submissions in the **Emerging Technology Research** strand may highlight investigations into the social, cognitive, haptic, or motivational dynamics associated with pen and touch interfaces. Others may highlight development of software systems that recognize symbol and touch patterns in ways that may advance the design of learning or educational settings. Typically papers in this strand will include an empirical component, but the committee also welcomes compelling theoretical papers that, with other contributions, help the community chart a promising future.

Paper Submissions Guidelines

Submission Content and Style: The WIPTTE audience is diverse in terms of discipline, grade-level, and educational settings. 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 papers will be assembled into a compilation that will be prefaced by a brief overview of pen and touch-based systems, both in implementation and development. Therefore, individual papers do not need to define the larger construct of tablet and touch computing.

Required Elements for Papers in Technology in Practice and Emerging Technology Research Strands. Each submission should consist of sections (a) through (f) followed optionally by any of the sections (g) through (j).

- a) Title followed by a second line that indicates either “Technology in Practice strand” or “Emerging Technology Research strand.”
- b) Author name(s), affiliation, and contact information
- c) Abstract: The abstract is limited to 250 words and should provide a succinct and self-contained summary of the paper. The abstract should include information about the educational setting (higher education, K12, informal, etc.), in addition to conclusions and findings and other information that will help a potential reader judge the relevance of the paper to his/her interests.
- d) Problem Statement and Context: This required section should describe the problem(s) or challenges that motivate the work that the paper reports. Emerging Technology Research strand papers should include a literature synthesis and identification of key research questions addressed by the research.
- e) Method Employed: This required section should describe its approach to the problem area and context. For the Technology in Practice strand, describe the activities that used pen- and tablet- based computing to support teaching and learning. It is useful to present a vignette or other illustration to help the reader to paint a mental picture to envision your approach and its key attributes. Emerging Technology Research strand papers should furnish outline a research method and/or theory framework, based on the literature synthesis and needs identified in section (d) above.
- f) Results and Evaluation: For the Technology in Practice strand, evaluate the impact of your approach relative to the needs you presented earlier in the paper. As noted in the Call for Papers, while we expect many evaluations to be largely positive, we recognize the value of sharing what has not worked as well as what has. Emerging Technology Research strand papers should furnish a summary and analysis of results of study. If the research is primarily theoretical. Therefore, the evaluation component may include positive outcomes, negative outcomes, or a mixture of the two. *For theoretical papers*, this section should outline indicators that would be observable in an implementation or enactment of the framework to determine the viability of the arguments advanced in the paper.
- 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 approach. 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 paper 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. (Theoretical papers are expected to include literature citations, of course.) 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.

Required Elements for Posters in Technology in Practice and Emerging Technology Research Strands Review Process: All paper submissions are automatically treated as poster submissions also. Any paper invited for presentation will also be invited for the separate poster area in the workshop.

Individuals seeking only consideration for a poster session should submit a one page document with elements a) through c) only, with an extended abstract up to one page in length.

Presentations and Dissemination: Authors of accepted submissions will be invited to give a presentation at WIPTTE 2014. Papers from previous WIPTTE conferences were printed and are available on amazon.com. Papers this year will be printed in an online proceedings. Where possible, these online proceedings will accommodate hyperlinks and media clips. We are exploring the possibilities for a special journal issue.

Paper Formatting Instructions (for Technology in Practice Strands)

Page Length:

Submissions are limited to 4-10 single column pages. This is a page limit that includes figures and references if either is included. 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.

Title

The title should be in 14 point, bold, centered, and in all caps. Directly beneath the title indicate "Technology in Practice Strand" or "Emerging Technology Research Strand" in 12 point text. Leave one blank line above the title line and two lines below the strand identifier line 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 numbered 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

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.