

# User-Defined Game Control with Smart Glasses in Public Space

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## ABSTRACT

In this paper we describe the formatting requirements for SIGCHI Conference Proceedings, and this sample file offers recommendations on writing for the worldwide SIGCHI readership. Please review this document even if you have submitted to SIGCHI conferences before, some format details have changed relative to previous years.

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Guides; instructions; author's kit; conference publications; keywords should be separated by a semi-colon.

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H.5.m. Information Interfaces and Presentation (e.g. HCI): Miscellaneous

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**Figure 1.** With Caption Below, be sure to have a good resolution image (see item D within the preparation instructions).

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name of the conference (e.g., for Interact 2003 proceedings, use *Proc. Interact 2003*). Do not include the location of the conference or the exact date; do include the page numbers if available. See the examples of citations at the end of this document. Within this template file, use the `References` style for the text of your citation.

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- Write in a straightforward style.
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- Explain all acronyms the first time they are used in your text—e.g., “Digital Signal Processing (DSP)”.
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- Be careful with the use of gender-specific pronouns (he, she) and other gendered words (chairman, manpower, man-months). Use inclusive language that is gender-neutral (e.g., she or he, they, s/he, chair, staff, staff-hours, person-years). See [6] for further advice and examples regarding gender and other personal attributes.
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1. Add alternative text to all figures
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## CONCLUSION

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## ACKNOWLEDGMENTS

We thank CHI, PDC and CSCW volunteers, and all publications support and staff, who wrote and provided helpful comments on previous versions of this document. Some of the references cited in this paper are included for illustrative purposes only. **Don't forget to acknowledge funding sources as well**, so you don't wind up having to correct it later.

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References must be the same font size as other body text.

#### REFERENCES

1. Adobe Acrobat Reader 7.  
<http://www.adobe.com/products/acrobat/>.
2. Anderson, R. E. Social Impacts of Computing: Codes of Professional Ethics. *Social Science Computer Review* December 10, 4 (1992), 453–469.
3. How to Classify Works Using ACM's Computing Classification System.  
[http://www.acm.org/class/how\\_to\\_use.html](http://www.acm.org/class/how_to_use.html).
4. Klemmer, S. R., Thomsen, M., Phelps-Goodman, E., Lee, R., and Landay, J. A. Where do web sites come from?: capturing and interacting with design history. In *Proc. CHI 2002*, ACM Press (2002), 1–8.
5. Mather, B. D. Making up titles for conference papers. In *Ext. Abstracts CHI 2000*, ACM Press (2000), 1–2.
6. Schwartz, M. *Guidelines for Bias-Free Writing*. Indiana University Press, 1995.
7. Zellweger, P. T., Bouvin, N. O., Jehøj, H., and Mackinlay, J. D. Fluid annotations in an open world. In *Proc. Hypertext 2001*, ACM Press (2001), 9–18.