Automatic morphology: Application on biological images

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ABSTRACT

We describe the formatting guidelines for the Journal of WSCG and WSCG proceedings adapted from the ACM and SIGGRAPH proceedings and recent WSCG templates. Please, try to fix format of your contribution as close as possible if you use other tools.

Keywords

Automatic morphology, landmarks detection, image registration.

1 INTRODUCTION

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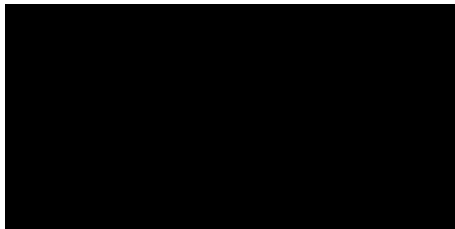

Figure 1: Insert caption to place caption below figure.

Graphics	Top	In-between	Bottom
Tables	End	Last	First
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Table 1: Table captions should be placed below the table

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6 ACKNOWLEDGMENTS

Our thanks to ACM SIGCHI and SIGGRAPH for allowing us to modify templates they had developed.

7 REFERENCES

[And01a] Anderson, R.E. Social impacts of computing: Codes of professional ethics. Social Science, pp.453-469, 2001.

[Con00a] Conger., S., and Loch, K.D. (eds.). Ethics and computer use. Com.of ACM 38, No.12, 2000.

[Con00b] Mackay, W.E. Ethics, lies and videotape, in Conf.proc. CHI'00, Denver CO, ACM Press, pp.138-145, 2000.

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