A Drone Based Forest Fire Detection System Using RGB and Thermal Image

1st Shun Li
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

2nd Given Name Surname
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

3rd Given Name Surname
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

4th Given Name Surname
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

5th Given Name Surname
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

6th Given Name Surname
dept. name of organization (of Aff.)
name of organization (of Aff.)
City, Country
email address or ORCID

Abstract—This is the foreset fire detection system.

Index Terms—drone, forest fire, rgb image, thermal image.

I. INTRODUCTION

This document is a model and instructions for LaTeX. Please observe the conference page limits.

II. RELATED WORKS

A. Maintaining the Integrity of the Specifications

The IEEEtran class file is used to format your paper and style the text. All margins, column widths, line spaces, and text fonts are prescribed; please do not alter them. You may note peculiarities. For example, the head margin measures proportionately more than is customary. This measurement and others are deliberate, using specifications that anticipate your paper as one part of the entire proceedings, and not as an independent document. Please do not revise any of the current designations.

III. FOREST FIRE DETECTION USING RGB AND THERMAL IMAGE

This section maily introduces the forest fire detection system using the RGB and Thermal Images.

IV. ACKNOWLEDGMENT

The preferred spelling of the word "acknowledgment" in America is without an "e" after the "g". Avoid the stilted expression "one of us (R. B. G.) thanks ...". Instead, try "R. B. G. thanks...". Put sponsor acknowledgments in the unnumbered footnote on the first page. [1]

REFERENCES

[1] Z. Jiao, Y. Zhang, L. Mu, J. Xin, S. Jiao, H. Liu, and D. Liu, "A yolov3-based learning strategy for real-time uav-based forest fire detection," in *2020 Chinese Control And Decision Conference (CCDC)*. IEEE, 2020, pp. 4963–4967. IV