

# Draft Title: Activity Recognition

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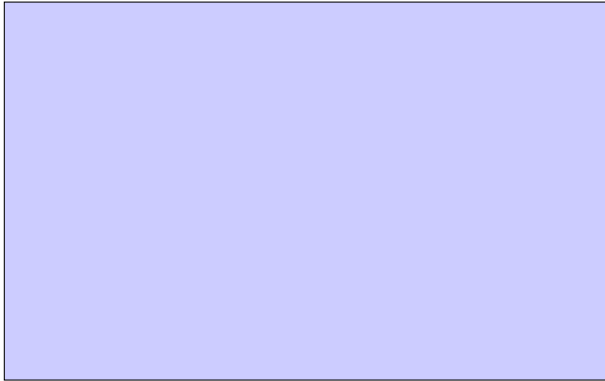


Fig. 1. Test Figure

**Abstract**—This is the abstract ...

**Index Terms**—Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), Long Short-Term Memory (LSTM).

## I. INTRODUCTION

THIS demo file is intended to serve as a “starter file” for IEEE journal papers produced under L<sup>A</sup>T<sub>E</sub>X using IEEEtran.cls version 1.8b and later.

Contribution of the motion and static features Total time-evolution Interaction between the actors and objects

Dense trajectories -¿ motion tubes

Earlier paper: no low-level feature gathering (just OF, and static frame -¿ CNN)

[1]

## II. METHODS PART I

This is part 1 in the methods section. Good for general method description. See the test figure 1

Subsection text here.

## III. METHODS PART II

This is part 2 in the methods section. Good for specific description of our algorithms leading to the contributions.

## IV. EXPERIMENTS AND RESULTS

Experiments, results, comparison, and interpretations.

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## V. CONCLUSION

The conclusion goes here. This is the conclusion

## APPENDIX A

### PROOF OF THE FIRST ZONKLAR EQUATION

Appendix one text goes here.

## APPENDIX B

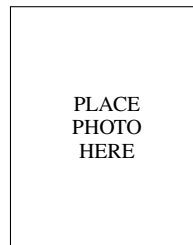
Appendix two text goes here.

## ACKNOWLEDGMENT

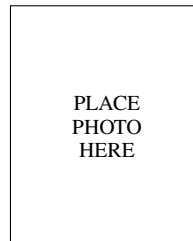
The authors would like to thank the National Research Council of Sri Lanka for support received under the Grant NRC/XX

## REFERENCES

- [1] L. Lamport, *LaTeX: A Document Preparation System*, 2nd ed. Addison-Wesley, 1994.



**Sameera Ramasinghe** Biography text here.



**Michael Shell** Biography text here.

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**Michael Shell** Biography text here.

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