

# The Title of the Paper is Placed Here \*\*\*This template is very coarse. You can organize the paper in your own way.\*\*\*

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**Abstract**—\*\*\*In the abstract, we need to state the research background, motivation, the proposed method, experiment results, as follows\*\*\*. Notice that the abstract part should be written after the other parts have been finished.\*\*\* One sentence to state the background. One sentence to state the motivation. A few sentences to describe the proposed method. One sentence to state the experimental setting. One sentence to state the experimental results.

**Keywords**—*Keyword one; Keyword two; Keyword three; \*\*\**

## I. INTRODUCTION

In this paragraph, describe the background of the research.

### A. Related Work

Use two paragraphs to state the related work here. That is, the brief description of each previous paper you have read. Here you need to cite some papers you have read during the writing like this [1].

### B. Our Work

Describe our work here (no formulas), including: the proposed method, experimental setting, and experimental results, a few sentences for each part.

\*\*\*Overall, the introduction part plus the abstract should not be longer than one page\*\*\*

The remainder of the paper is organized as follows. Section II describes in detail the \*\*\*\*. Experimental results are reported in section III. We conclude our paper in section IV.

## II. TOPIC DISCOVERY IN MULTI-LINGUAL TEXT STREAMS

This is the first part you can write as soon as the algorithm is implemented. That is, you can write this part now.

Describe the algorithm here, one major part per paragraph.

### A. Component one of your algorithm

### B. Component two of your algorithm

### C. Component three of your algorithm

## III. EXPERIMENTS

After doing enough experiments, this part is the second part you can write.

### A. Experimental Setting

Accuracy measurement.

Run the experiment on what type of machine/what type of cloud.

What methods have been compared.

### B. Data Collection

Where/when/how to collect the data.

Data characterization, may require one table to describe them.

### C. Result Analysis

Case study: what you have discovered?

Performance comparison: compare the proposed method with the existing methods in terms of some performance measurement here.

Time complexity analysis: compare the proposed method with the existing methods in terms of some time complexity performance measurement here.

## IV. CONCLUSION

Conclusion can be written after the other parts have been finished.

## REFERENCES

- [1] X. Wang, A. McCallum, and X. Wei, "Topical n-grams: Phrase and topic discovery, with an application to information retrieval," in *Proc of the 7th Int. Conf. on Data Mining*, 2007, pp. 697–702.