

# TAR System Description Paper Template

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## Abstract

This document provides the instructions on formatting the TAR system description paper in L<sup>A</sup>T<sub>E</sub>X. This is where you write the abstract (i.e., summary) of the work you carried out within the project. The abstract is a paragraph of text ranging between 70 and 150 words.

## 1. Introduction

Author diarization is the problem of segmenting text within a document into classes each corresponding to an author, i.e. assignment of each part of a text to an author. The analyzed document can be a result of collaborative work or plagiarism by a single author. The problem is in more detail described here. The problem can be divided into 3 subproblems:

## 2. Related work

### 3. The proposed approaches

```
clustering, sliding window pipeline: preprocessing (tok-
enization) -> basic features -> transformed features (includ-
ing scaling) -> clustering
      clustering metric
```

- a
- b

features

differences: fixed features + transformation vs document-dependent features

## 4. Experimental results

1 baselines

### 4.1. Intrinsic plagiarism detection

## setup

#### 4.2. Author diarization with known numbers of authors

## setup

### 4.3. Author diarization with unknown numbers of authors

## setup

## 5. Conclusion

Conclusion is the last enumerated section of the paper. It should not exceed half of a column and is typically split into 2–3 paragraphs. No new information should be presented in the conclusion; this section only summarizes and concludes the paper.

## Acknowledgements

If suitable, you can include the *Acknowledgements* section before inserting the literature references in order to thank those who helped you in any way to deliver the paper, but are not co-authors of the paper.

## References

- [illegible]