# LaTeX Author Guidelines for ICB 2015 Proceedings [Based on CVPR]

Anonymous ICB 2015 submission


## Abstract

*The ABSTRACT is to be in fully-justified italicized text, at the top of the left-hand column, below the author and affiliation information. Use the word "Abstract" as the title, in 12-point Times, boldface type, centered relative to the column, initially capitalized. The abstract is to be in 10-point, single-spaced type. Leave two blank lines after the Abstract, then begin the main text. Look at previous ICB abstracts to get a feel for style and length.*


## 1. Introduction

Done by Mr. Uhl, including related work?

## 2. Test data generation

TODO: Thomas

- Used Database is IITD, because Manual Groundtruth available, as in [1]
- Describe the used methods and implementations
  - JPG
  - JXR
  - JP2k
- Describe the process of single- and double compression
- Per-Image quality
- Analyze Database and provide quality measures (accuracy, stddev, ...)
- Argue that this data base is sufficient

## 3. Evaluation methods

Introduction: Thomas

### 3.1. Full-referenced quality metrics

Todo Lefteris:

- Which quality metrics were in the selection
- Which were chosen
- Why have you chosen these
- Give a very very brief introduction (rather referencing!) of what the quality metrics are about and the most characteristic features
- Results and findings of this evaluation

### 3.2. Segmentation error rates

TODO TB:

- Calculate CR's in bpp
- Check whether our method is the same as E1 and/or E2 from this paper: [1]
- If not, impl. E1, is E2 also necessary?
- Compare referenced to non-referenced
- Comparision
- Can we probably use their data to draw longer graphs
- Results and Findings of this evaluation

### 3.3. Equal Error rate

To assess the total impact on the System, the EER is computed TODO TB

- Brief introduction
- Results and findings of this evaluation

## 4. Results

### 4.1. Schnoell-Correlation-method

TODO: Martin: Introduce your method here and argue why it is better than spearman

### 4.2. Correlation of Evaluation methods

TODO: Martin: Provide sensible correlation results and analyse

## 5. Conclusion

TODO: Martin Schnll

## References

[1] C. Rathgeb, A. Uhl, and P. Wild. Effects of severe image compression on iris segmentation performance. In *IJCB 2014*, September 2014.