

L^AT_EX Author Guidelines for CVPR Proceedings

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1. Team Information

1.1. Team name

1.2. Team members

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2. Problem and our approach

3. Related work

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4. Potential dataset

PASCAL VOC (Visual Object Classes) 2012: a benchmark in visual object category recognition and detection, providing the vision and machine learning communities with a standard dataset of images and annotation, and standard evaluation procedures.

5. Timeline

8cm—X—X—	Date	Task
	April 7th	Understand all related works and implement the original FCN
	April 14th	Brainstorm and try new improvements for the algorithm based on the running results
	April 21st	Choose one specific improvement with best outcomes and finalize all the details
	April 25th	Finish preparation for presentation
	May 15th	Finalize the paper

xample [?]. Where appropriate, include the name(s) of editors of referenced books. [https://scholar.google.com/scholar?hl=en&as_sdt=0,33&q=The+P+ASCAL+Visual+Object+Classes+\(VOC\)+Challenge&btnG](https://scholar.google.com/scholar?hl=en&as_sdt=0,33&q=The+P+ASCAL+Visual+Object+Classes+(VOC)+Challenge&btnG)

Introduction

The main goal of this challenge is to recognize objects from a number of visual object classes in realistic scenes (i.e. not pre-segmented objects). It is fundamentally a supervised learning learning problem in that a training set of labelled images is provided. The twenty object classes that have been selected are:

Person: person Animal: bird, cat, cow, dog, horse, sheep Vehicle: aeroplane, bicycle, boat, bus, car, motorbike, train Indoor: bottle, chair, dining table, potted plant, sofa, tv/monitor

There are three main object recognition competitions: classification, detection, and segmentation, a competition on action classification, and a competition on large scale recognition run by ImageNet. In addition there is a "taster" competition on person layout. Classification/Detection Competitions

Classification: For each of the twenty classes, predicting presence/absence of an example of that class in the test image. Detection: Predicting the bounding box and label of each object from the twenty target classes in the test image.

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