Seminars in Artificial Intelligence and Robotics Computer Vision for Intelligent Robotics

Presentation guidelines and tips

DIPARTIMENTO DI INGEGNERIA INFORMATICA AUTOMATICA E GESTIONALE ANTONIO RUBERTI





Alberto Pretto

Inspired by: Ten Secrets to Giving a Good Scientific Talk, Mark Schoeberl and Brian Toon

Typical slot organization

Four/five presentations Each presentations: 15 minutes Questions: 5 minutes

Presentation slides

Usually 1.5-2 minutes per slide

- In any case, mandatory <u>no more than 20 slides</u>

Avoid dense slides

- In case, add one more slide

Use relatively large fonts

No smaller than 16 pts

Presentation components

Introduction Related Work and main contributions Method Results Conclusion/Summary

Introduction

Problem statement

Describe the problem your are going to address and its challenges.

Tip: You may use a picture or a video to describe the problem.

Motivations

- Convince people that the problem is important

Related Work and Contributions

Report relevant related work

 Try to understand from the paper what are the closest works and have a look at least to their abstracts.

Tip: You may report block diagram/pictures taken from such papers.

Contributions

- What are the main contributions of this paper? E.g.,
 - A new method
 - A new implementation (or a more efficient one, ...)
 - A new dataset
 - An open-source implementation
 - ..

Tip: Use a bullet list, no more than 3 points.

Method (1/2)

Provide an overview of the approach



Describe the single steps, highlighting the "original" ideas.

Try to avoid equations. Show only very simple equations Ask yourself - is showing the equation important? Is it central to my talk?

Dasic model description





The method is the core of the paper: provide the "takehome message" that summarize such method.

If necessary, provide insights about the implementation.

Tip: briefly and easily describe the method/implementation "tricks"



Report a brief summary of the main results.

Tip: Report only the most salient results. Do some advertisement of your paper here :) ...

Tip: Clear plots are better than many numbers, but some relevant numbers are welcome.



Summarize the results and implications.

Connect the results with the provided claims.

Reiterate the take-home message.

Tip: Use a bullet list, no more than 3 points.