

How to prepare a presentation?

(research project, Student Researchers' Society conference, thesis defence)

Slide 1: TITLE SLIDE

- Title of topic
- Name (affiliation) of presenter - instead of writing the name of an institution you can use a logo
- Name of supervisor (if relevant)
- Title, date and place of the event (e.g. conference) where you are presenting

Slide 2: INTRODUCTION

- Introducing the topic, raising research questions, problems
- Short background (e.g. based on literature sources)
- Personal motivation
- (further 1-2 slides can be added, but it should not be too long!)

Slide 3: OBJECTIVE

Give the detailed aims of your research / topic:

- asking questions (include only those that you can give answers for by the end of your presentation!)
- bullet list

Slide 4: MATERIALS AND METHODS

- research subjects, participants (e.g. persons participating in study, experimental animals / plant species, microbes etc.) - consider inserting photos with just a simple label (e.g. name of species)
- time of study
- place of study
- short description of applied methods
- e.g. bullet list including each step of lab protocol, insert photos of lab / field work, you can insert a flow chart, etc. The main point is that it should not be very detailed, but should be easy to follow.
- depending on the number of applied methods, you can insert additional slides in this section (e.g. each method can occupy a separate slide if necessary)

Slide 5: RESULTS

- it is advisable to follow the order of aims (questions) provided in Slide 3
- if there are multiple sub-fields of the study, each sub-topic can be presented in a separate slide
- results should be demonstrated in well-structured graphs, charts, tables
- you should not include too much text, instead you can provide explanation orally when you are presenting
- according to the number of results, sub-topics, further slides can be inserted
- this should be the major (and longest) part of your presentation

Slide 6: CONCLUSIONS / DISCUSSION

- draw conclusions based on your results
- discuss, how your own results fit in the wider picture - how do your research outcomes correspond with previous results of other researchers (based on literature sources) or your own previous results
- highlight what is a completely new result, significant in your field of science; which of your results support / contradict previous results

Slide 7: SUMMARY / FURTHER RESEARCH

- summarize / highlight your most important results, conclusions
- bullet points should suffice
- it can be a single thought (sentence) that your audience should remember, i.e. your take-home message
- you can include further research plans (e.g. new questions, problems that emerged during research project, which further studies you are planning to resolve these questions)

Slide 8: ACKNOWLEDGEMENTS

- a simple list is enough (person's name, affiliation; name of institution providing data)
- say thanks to everyone who helped your work or made it possible (e.g. supervisor, fellow students, head of laboratory where you conducted research)
- you can insert a photo e.g. about your research group, fellow students during work etc.

Slide 9: THANKS FOR YOUR ATTENTION

- frequently the closing slide carries this sentence „Thank you for your attention“
- you can add a few photos related to your research (or insert one as background photo)