

INSTRUCTIONS FOR WRITING THE APPLICATION FORM FOR THE FINAL/GRADUATE THESIS

WRITING THE TITLE OF THE PAPER

1. The title is an important part of the paper, it needs to guess the essence of the paper and suggest the content of the paper or even discover what is the contribution/discovery that the paper brings.
2. The title must reflect the content and topic around which the paper is organized, from it should be clear the focus of the paper and the context:
 - in a way it is necessary to answer the questions of who, what, to whom, when, where
 - for the previous point you can help yourself with hypotheses from the paper
 - what is the most important answer that the paper will produce
3. The title should be interesting, short, specific and contain keywords that will be used in the paper.
4. The title should not contain more than 12 words.
5. The title does not have the form of an interrogative sentence.
6. The title does not contain abbreviations or punctuation marks (colon, hyphen, etc.).
 - exceptions may be well-known abbreviations like NASA, FBI, DNA, and the like, but not abbreviations specific to specific areas.
7. In the title, it is necessary to use academic keywords.
 - for example: analysis, design, implementation, development, research, creation, configuration, shaping, development, redesign, testing, evaluation, etc.
8. Do not use company names in the title, but refer to the activity.
 - for example: *Positioning and strategy of online advertising for family farms on the natural food market* or *Analysis of the Croatian craft beer market on the example of a micro brewery.*

EXAMPLES OF BAD TITLES	EXAMPLES OF GOOD TITLES
• MPLS • MPLS in telecom network • Windows Server • WordPress • Adobe After-Effects • Digital marketing • Comparison of Linux and Windows servers • Creating a website for a business company • Making a video game • Writing a story for a video game • Marketing strategy • Brand design ! Insufficient keywords from which it is not clear what the paper will talk about (e.g. marketing strategy – which one? For whom? Will the strategy be devised or implemented or something else?)	• Probabilistic Robot Navigation in Partially Observable Environments • The impact of predefined security settings of Windows and Linux operating systems on the results of penetration testing • Aircraft maintenance system dimensioning using queue theory model • The impact of hive automation on the effectiveness of maintaining the health of bee colonies • Converting 2D drawings into a 3D virtual model using a model of connected vessel theory • Applying a filter to remove background noise in music and to increase listener satisfaction ! The title must minimally answer the question of what is being done and in what context.

WRITING AN EXPLANATION OF THE TOPIC AND PRACTICAL CONTRIBUTION

1. This part needs to be informative on its own so that readers understand what the paper itself is about.
2. It must be clear and unambiguous and express the most important ideas of the paper, the purpose of writing the paper and the methods to be used.
3. Emphasize the importance and purpose of writing a paper, i.e., present the problem that the paper will deal with and explain how your paper will respond to this problem (this is a practical contribution of the paper); Highlight why the paper is important to you and those who will read it.
4. If you are going to conduct a research for the purpose of the paper, when submitting a topic, it is necessary to write what kind of research it is, the methodology, what is being examined, who are the respondents, how are they defined, what will be asked, approximately the number of respondents, what is meant to be obtained by this research.
5. Use keywords and phrases that you will normally use in your paper.
6. No citations, definitions, abbreviations, graphs, etc. are used.
7. It must be structured and logical (introduction-body-conclusion).
8. Your paper should have a practical component, and that means that you have made/created/produced something (*connecting equipment and virtual computers, measurements, calculations, automation tools, plug-in, game, part of the game, research, video, poster, music, strategy, communication plan and the like*).
9. In the explanation of the topic, and then in the whole paper, it is necessary to

avoid loanwords (Anglisms) and it is necessary to use Croatian versions when it makes sense.

- for example: *brand* = *brand*, *game engine* = *game drive*, *big data* = *big data*, etc.
10. Throughout the form, and later through the paper, it is necessary to use selected expressions consistently.
 - for example: do not use two or more expressions: *a software solution* and *an application*, but decide and use only one: *a software solution*.
 11. This is not a *copy-paste* part of the paper, but this part can help you create an abstract for your paper later.
 12. The topic application form is written in the third person.
 - for example: instead of "*using other available tools we can equally*" it should be written "*using other available tools can be equally*"

EXAMPLE SUMMARY (ABSTRACT) AND QUESTIONS TO WHICH THE SUMMARY ANSWERS

- Write a statement about a general problem and answer the question *Why!*
- Tell me what the paper is about.
- Describe how the problem is solved.
- Emphasize what is new or better.
- Mention evidence supporting the benefits of the proposed solution.

Title of paper: Probability of robot navigation in partially observed environment

Summary of the paper:

Autonomous mobile robots need highly reliable navigation capabilities to be able to operate unattended for extended periods of time. This paper presents the first results of research using a partially observed Markov model to reliably monitor the location of the robot in office environments and direct its actions. The approach explicitly reflects the probability distribution over possible robot locations, taking into account various sources of uncertainty, including approximate knowledge of the environment, uncertainty of movers and sensors. The novelty of our approach is the integration of topological map data with approximate metric information. We demonstrate the robustness of this approach in controlling real indoor mobile robots that navigate.

LITERATURE LIST

1. Here are listed sources that will be used in the paper.
2. It is necessary to study the literature of the most important authors who have dealt with this issue in our country and in the world.
3. It is necessary to use relevant and recent literature.
4. The source of literature can be: books, e-books, book chapters, articles from scientific or professional journals, websites, etc.
5. Please list the literature according to the rules for citing literature available in the

Final Paper Template.

Students of study programmes in the field of technical sciences use the IEEE style for citing, referencing, and listing sources, while students of all other study programmes use the Harvard style for the above.

You can find the IEEE style usage rules in the document
<https://www.bath.ac.uk/publications/library-guides-to-citing-referencing/attachments/ieee-style-guide.pdf>.

See the rules for using the Harvard referencing style on the page
<https://www.student.unsw.edu.au/citing-different-sources>.

WRITING CONTENT

1. The content gives a structure and representation of the division of paper into thematic units: chapters and subchapters that have their own titles and subtitles.
2. The content should not have an estimate of the number of pages of each chapter, but the names of chapters and subchapters, titles and subtitles.
3. The introduction is the first chapter and it has no subchapters.
4. All chapters after the conclusion are NOT numbered.
5. The titles of chapters and subchapters must not be generically written, but the content of the paper must be related to the topic of the paper and from them it must be clear what the chapter will be written about.
6. The title of the chapter is the shortest statement sentence describing what will be done in the chapter (not a keyword but a sentence).
 - for example: it is insufficient to write "*Visual identity*" because it is not clear the visual identity of what and what to do with it? It is necessary to expand the name of the subtitle in such a way as to add more keywords: "*Visual identity of the company XY*".
7. If the work is to include research, one of the chapters should be devoted to *Research* (for example: *Research of communication models in company XY*), and subchapters should be: *Hypotheses and research goal*, *Process and methodology of research*, *Research results*, *Discussion and conclusions*.
8. If a chapter contains only one subchapter, then that subchapter is unnecessary. The same goes for subchapter titles. If the subchapter contains only one subchapter title, it is unnecessary (see example in figure below.)
9. Each subchapter and chapter and title and subtitle make sense if the lengths are at least one to two pages of text.

The content as structured within the form (chapters, subchapters, titles and subtitles) should be guided later when writing the final/graduate thesis.

Correct	Incorrect
1.	1.
2.	2.
2.1.	2.1.
2.2.	2.2.
2.2.1.	2.2.1.
2.2.2.	2.2.2.
3.	3.
3.1.	3.1.
3.2.	3.1.1.
3.2.1.	3.1.2.
3.2.2.	
3.2.2.1.	
3.2.2.2.	
4.	4.

Each chapter if divided into subchapters must have at least two subchapters for the division to make sense