

Wrocław University of Science and Technology

How to write a scientific paper 14th ACIIDS 2022 Workshop

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Agenda

Workshop schedule

Workshop objectives

Introduction

General template



Workshop schedule

	14th Asian Conference on Intelligent Information and Database System - Workshop					
	Start	Finish	Duration	Торіс	Speaker	
December 2nd, 2022 (Friday)	08:30	08:40	00:10	Introduction to the Workshop	Marek Krótkiewicz	
	08:40	09:20	00:40	Methods of science research		
	09:20	09:30	00:10	Q&A, discussion		
	09:30	09:40	00:10	break		
	09:40	10:20	00:40	How to write a scientific paper	Marek Krótkiewicz, Krystian Wojtkiewicz	
	10:20	10:30	00:10	Q&A, discussion		
	10:30	10:40	00:10	break		
	10:40	11:10	00:30	Research proposal	Krystian Wojtkiewicz	
	11:10	11:20	00:10	Q&A, discussion		
	11:20	11:30	00:10	Workshop summarization	Marek Krótkiewicz	



Workshop objectives

- Explanation of fundamental concepts used in science.
- An attempt to show the issue of science from a bird's eye view.
- Description how to write a scientific paper.
- Presentation of some important research areas in the context of their impact on science and in the environment of excessively explored issues.



Introduction

A general template of a scientific article will be presented and its most important elements will be discussed.



- Abstract
- Introduction
- State-of-the-art
- A precise and detailed description of the scientific problem to be solved
- Solution of the research problem
- **o** Evaluation of the proposed solution to the research problem
- Ø Description of use cases
- 8 Summary
- Onclusions
- Bibliography



Abstract

Abstract

- A very brief description of the research area
- Problem to be solved
- Indication of the type of scientific contribution
- Brief summary of the achievement



Introduction

Introduction

- **O** Research area description
- Explanation of the essence of the undertaken scientific problem
- **Identification of a scientific contribution** (aim and scope)
- Oescription of the content and layout of the article



General template State-of-the-art

State-of-the-art

- Literature study results
- e Identification of research gaps
- Ontivation to focus on the research problem



A precise and detailed description of the scientific problem to be solved

A precise and detailed description of the scientific problem to be solved

- Analysis of the scientific problem to be solved
 - Assumptions
 - Constraints
 - Hypothesis
- 2 Research questions formulation



General template Solution of the research problem

Solution of the research problem

- An approach to solving a research problem
- 2 Description of the methodology used to solve the problem
- A detailed description of the method used
- A precise description of the obtained research results
- A clear indication of the authors' scientific contribution to the proposed solution to the research problem
- Synthesis of the obtained results, generalization of the proposed solutions



Evaluation of the proposed solution to the research problem

Evaluation of the proposed solution to the research problem

- **O** Criteria for evaluating the solution
 - Specification of the adopted criteria for evaluating the solution
 - Justification of the adopted criteria for evaluating the solution
- ② Description of the evaluation procedure
- **Presentation** of evaluation results
- Oiscussion on the results of the evaluation



Description of use cases

Description of use cases

- **1** Brief description of the application domains
- 2 Use case specification
- **Oiscussion** on the characteristics of the results of the presented application



Summary

Summary

- Obtained **research results** in the context of the solution to the scientific problem
- Onambiguous indication of the original scientific contribution of the authors, along with its significance in the context of existing solutions



General template Conclusions

Conclusions

- Characterization of the proposed solution in the context of its impact on science in the area of research
- Possible further directions of scientific research and development of the proposed solutions



General template Bibliography

Bibliography

1 List of **references** used in the article



Thank you for your attention

The next part of the presentation will be led by Doctor Krystian Wojtkiewicz