



PMI-5932

SCIENTIFIC WRITING FOR RESEARCH PAPERS IN OIL, GAS AND MINING

Class 03 - 2017

Practical aspects of publishing

Prof. Giorgio de Tomi

COURSE SCHEDULE

	03/out	04/out	05/out
13:00	01: Introduction	04: How to publish	07: Plan an article
	break 1	break 1	break 1
14:30	02: Why publish	05: Where to publish	08: Review the plan
	break 2	break 2	break 2
16:00	03: Practical aspects	06: How to start	09: Next steps
	close	close	close

CONTENTS

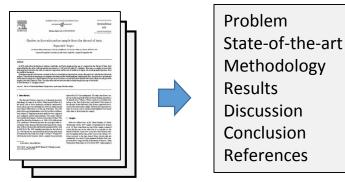
- The practical aspects of publishing within PPGEMin
- Summary thesis or dissertation
- Example
- Review of Day 1 learning outcomes

The practical aspects of publishing

- PPGEMin is the post-graduation program of the Dept. of Mining and Petroleum Engineering of USP
- PPGEMin allows a thesis or a dissertation to be structured from published papers
- Accepted papers must have the candidate as first author and must have a professor of the program as co-author

The practical aspects of publishing*

Paper I:



Paper II:



Problem
State-of-the-art
Methodology
Results
Discussion
Conclusion
References

INTRODUCTION: Describe how the two problems are interlinked and the relevance of the proposed solution

PAPER I:

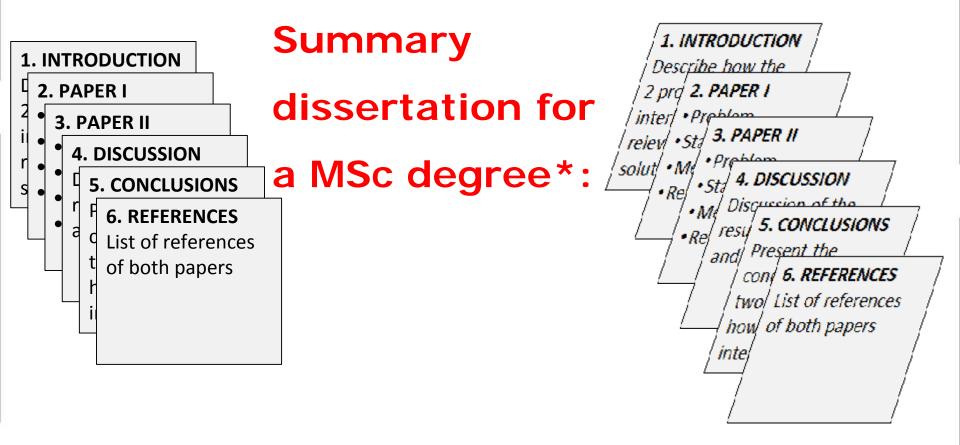
- Problems
- State-of-the-art
- Methodology
- Results

PAPER II:

- Problems
- State-of-the-art
- Methodology
- Results

(*) For PhD candidates, the requirement is for 3 papers

The practical aspects of publishing



(*) Notes:

- English language is required for all elements
- For PhD thesis, three requirement is for 3 papers



The practical aspects of publishing

Example:

Rodovalho, E. (2016)

"An innovative approach for controlling operational parameters in open pit mining to reduce costs and environmental impacts."

Rodovalho, Edmo

An innovative approach for controlling operational parameters in open pit mining to reduce costs and environmental impacts / E. Rodovalho -- versão corr. -- São Paulo, 2016.

80 p.

Tese (Doutorado) - Escola Politécnica da Universidade de São Paulo Departamento de Engenharia de Minas e Petróleo.

1. Energy efficiency 2. Diesel consumption 3. Tyre wear 4. Simulations
 5. Alternative equipments I. Universidade de São Paulo. Escola Politécnica.
 Departamento de Engenharia de Minas e Petróleo II.t.

CONTENTS 1.1. OBJECTIVES 14 2. SIMULATION OF THE IMPACT OF MINE FACE GEOMETRY ON THE HAULAGE OPERATIONS 16 2.1. INTRODUCTION 16 3. NEW APPROACH FOR REDUCTION OF DIESEL CONSUMPTION 31 3.1. INTRODUCTION 31 3.3. PRACTICAL APPLICATION 46 4. REDUCING ENVIRONMENTAL IMPACTS VIA IMPROVED TYRE WEAR MANAGEMENT 53 4.1. INTRODUCTION 53 4.2. METHODOLOGY 55 4.4. RESULTS AND DISCUSSION 66

NEXT CLASS

• The difficulties for engineers to publish

The challenges for publishing quality papers

Overview of the publication process

REVIEW OF DAY 1

- What are the course's expected deliverables?
- How are you going to be evaluated in this course?
- What is an innovation in terms of scientific publication?
- Who will review your paper?
- Can your papers be used to write your dissertation or thesis?

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