



ESCOLA POLITÉCNICA DA UNIVERSIDADE DE SÃO PAULO

***PMI-5932***

***SCIENTIFIC WRITING FOR RESEARCH  
PAPERS IN OIL, GAS AND MINING***

***Class 03 – 2017***

***Practical aspects of publishing***

***Prof. Giorgio de Tomi***



ESCOLA POLITÉCNICA DA UNIVERSIDADE DE SÃO PAULO

PPMI 5932 – Scientific writing for research papers in oil, gas and mining

# 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	<b>03: Practical aspects</b>	06: How to start	09: Next steps
	close	close	close



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# 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:



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

## 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

## Summary dissertation for a MSc degree\* :

### 1. INTRODUCTION

### 2. PAPER I

### 3. PAPER II

### 4. DISCUSSION

### 5. CONCLUSIONS

### 6. REFERENCES

List of references  
of both papers

### 1. INTRODUCTION

*Describe how the*

### 2. PAPER I

*2 pro*

*inter*

*relev*

*solut*

### 3. PAPER II

*• Problem*

*• Sta*

*• Problem*

*• Sta*

*• Me*

*• Re*

*• Re*

*• Re*

*• Re*

*• Re*

*• Re*

*• Re*

### 4. DISCUSSION

*Discussion of the*

*resu*

*and*

*conf*

*two*

*how*

*inte*

*• Problem*

*• Sta*

*• Problem*

*• Sta*

*• Me*

*• Re*

*• Re*

### 5. CONCLUSIONS

*Present the*

*conf*

*two*

*how*

*inte*

*• Problem*

*• Sta*

*• Problem*

*• Sta*

*• Me*

*• Re*

*• Re*

### 6. REFERENCES

*List of references*

*of both papers*

### (\*) Notes:

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



# The practical aspects of publishing

*Example:*

**Rodvalho, E. (2016)**

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

Rodvalho, Edmo

An innovative approach for controlling operational parameters in open pit mining to reduce costs and environmental impacts / E. Rodvalho -- 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.I.

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## **NEXT CLASS**

- The difficulties for engineers to publish
- The challenges for publishing quality papers
- Overview of the publication process





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# 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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