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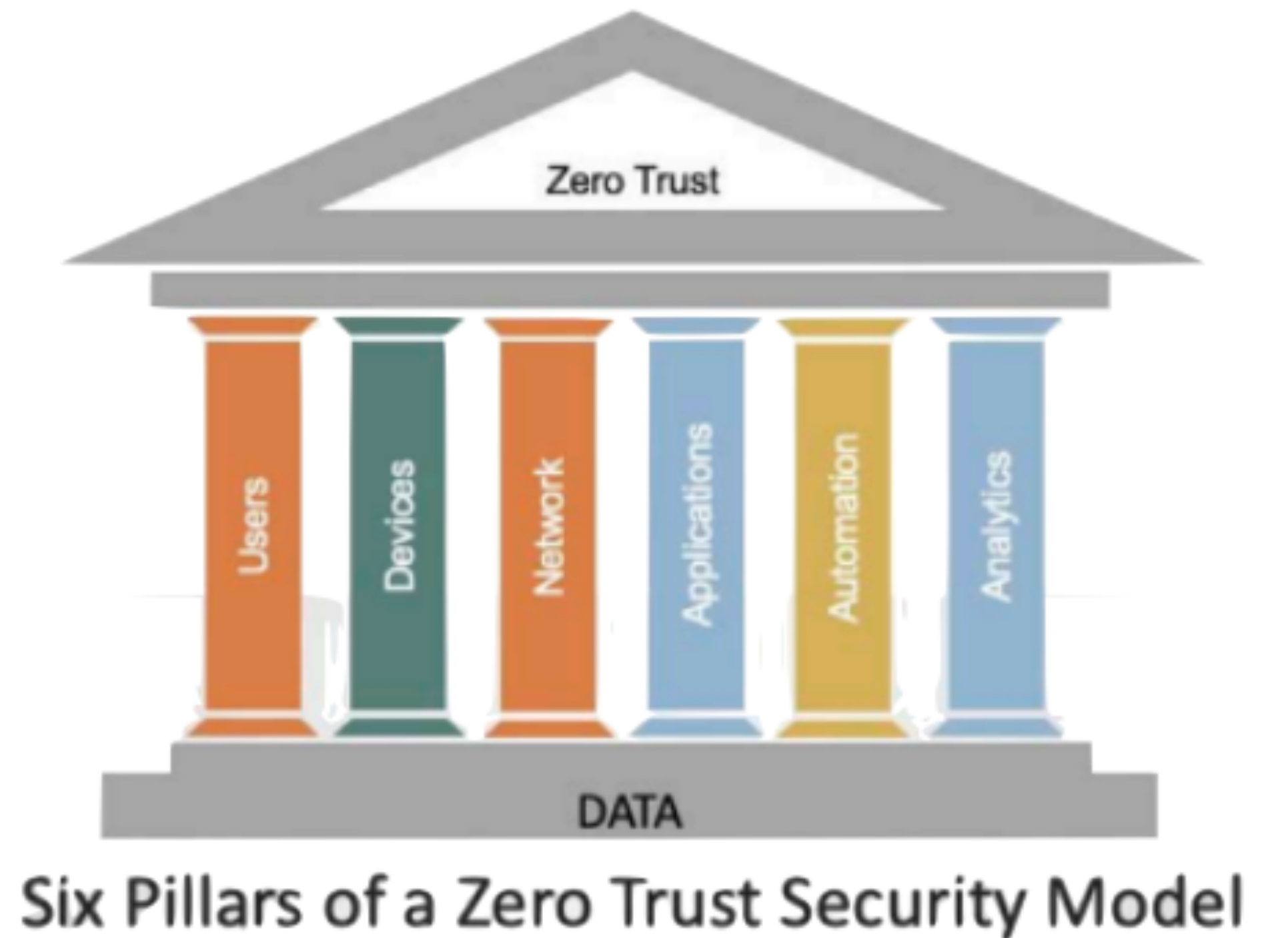
Nurture Seminar at AASTU 19Sep2024, Addis Ababa

Tips and strategies on how to publish research papers in reputable journals

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What have I done?



Dr Kuulaa Qaqqabaa

Josef Noll

Mulugeta Gajaa

- no idea what I should write about
- do I understand enough?
- What is the topic?

From idea to paper

nothing better than phdcomics.com



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The idea of the paper

- what could I write about?
- “Tips and strategies on how to publish research papers in reputable journals”
 - do I understand it? - perhaps
 - is it publishable? - no
- “The impact of school connectivity on rural development”
 - much better title, though, can I publish?
 - let’s see
- discuss with your supervisor
 - she/he has a long experience in crude ideas



“The impact of school connectivity on rural development”

1. State of the art

- Which aspects have others worked on?
- What is my direction?

2. Publishing - Select Journal

3. Structure of my paper

- find a good paper
- “copy an existing structure”

4. Writing - “a nightmare”

5. Review & Publish

1. State of the Art (SOTA)

- Web of Science
- Google Scholar
- elicit.org (AI-based)
- Semantic Scholar
- ...

(1) Be critical to literature outcome

(2) build your opinion based on scientific evidence



SEMANTIC SCHOLAR

A free, AI-powered research tool for scientific literature

Search 221,027,808 papers from all fields of science

Try: [Andrew Y. Ng](#) • [Rationalism](#) • [Aerodynamics](#)

5 results for “The impact of school connectivity on rural development”

Fields of Study ▾ Date Range ▾ Has PDF Author ▾ Journals & Conferences ▾

Association of Maternal Smoking during Pregnancy with Neurophysiological and ADHD-Related Outcomes in School-Aged Children

Karina Jansone Anna Eichler +6 authors On Behalf Of The Imac-Mind Consortium

Medicine, Environmental Science · [International Journal of Environmental Research...](#) · 1 March 2023

TLDR Smoking during pregnancy significantly affected the resting-state brain activity in children, independent of socio-demographic factors, indicating potential long-lasting effects on brain development. [Expand](#)

“2 [PDF] PDF Save Cite

Daylight and School Performance in European Schoolchildren

R. Baloch C. Maesano +5 authors on behalf of the Sprintt Consortium

Environmental Science, Education · [International Journal of Environmental Research...](#) · 31 December 2020

TLDR A positive relationship was found between performance scores and type of window shading, latitude, percentage of window facing south, and window glazing, with the highest impact due to the window-to-floor area ratio. [Expand](#)

“21 [PDF] PDF Save Cite

Can biomarkers in umbilical cord blood predict atopic disease at school age?

A. Soti J. Usemann +4 authors on behalf of the Bild Study group Medicine · [Pediatric Research](#)

6 December 2019

TLDR While IL17 may be indicative especially in severe, uncontrolled asthma, CCL5 was found to be elevated in atopic and asthmatic patients in general and levels of IFN- γ were inversely correlated with the development of allergy. [Expand](#)

“2 Springer Save Cite

Quick overview elicit.org

- ➔ Broadband access
- ➔ ICT
- ➔ Governmental role
- ➔ financing
- ➔ health
- ➔ economic **impact**

School Connectivity and Rural Development

🔍 The impact of school connectivity on rural development

Summary of top 8 papers

📄 Copy

Research suggests that internet connectivity and broadband access can have significant positive impacts on rural development, particularly in education and economic outcomes. School connectivity can benefit entire communities by aggregating demand and improving service delivery (Wells & O'Riordan, 2021). Rural areas often face lower broadband availability and adoption rates compared to urban areas ([Mack et al., 2023](#)), but increased connectivity has been shown to improve child health outcomes, including vaccination rates and prenatal care uptake ([Majid, 2013](#)). Internet access can enhance educational opportunities in rural schools ([Khan & Hadi, 2013](#)) and contribute to economic development through increased business activity, productivity, and job creation ([Mack et al., 2023](#)). However, sustainable rural connectivity requires government commitment and innovative funding approaches (Wells & O'Riordan, 2021). While some studies have found mixed results in policy impact evaluations ([Mack et al., 2023](#)), overall, the literature points towards sizeable economic impacts of internet connectivity in many rural settings ([Hjort & Tian, 2021](#)).

What can "I" publish?

- Impact
 - how to measure?
 - what is my model?
 - Randomised control trial?
 - digital data?
- My method: review & interviews ("don't have data")
- My output: Evidences & Gaps

(3) Adopt a method from others
(4) what is your output?

2. Which Journal?

- Use the result of your literature analysis
 - **Where** did you find good papers?
 - Ranking, e.g. Google Scholar
 - Impact for SSA
- Discuss with colleagues
 - common analysis
- Ask your supervisor

Categories ▾ English ▾

	Publication	h5-index	h5-median
1.	Nature	488	745
2.	IEEE/CVF Conference on Computer Vision and Pattern Recognition	440	689
3.	The New England Journal of Medicine	434	897
4.	Science	409	633
5.	Nature Communications	375	492
6.	The Lancet	368	678
7.	Neural Information Processing Systems	337	614
8.	Advanced Materials	327	420
9.	Cell	320	482
10.	International Conference on Learning Representations	304	584
11.	JAMA	298	498
12.	Science of The Total Environment	297	436
13.	IEEE/CVF International Conference on Computer Vision	291	484
14.	Angewandte Chemie International Edition	281	361
15.	Nature Medicine	274	474
16.	Journal of Cleaner Production	272	359
17.	International Conference on Machine Learning	268	424
18.	Chemical Reviews	267	461
19.	Proceedings of the National Academy of Sciences	267	405
20.

3. Structure of my paper

- Use template from publisher, e.g.
 - IEEE template, ACM, ...

- "I love LaTeX"
 - focus on writing, not formatting
 - **Overleaf** for collaboration

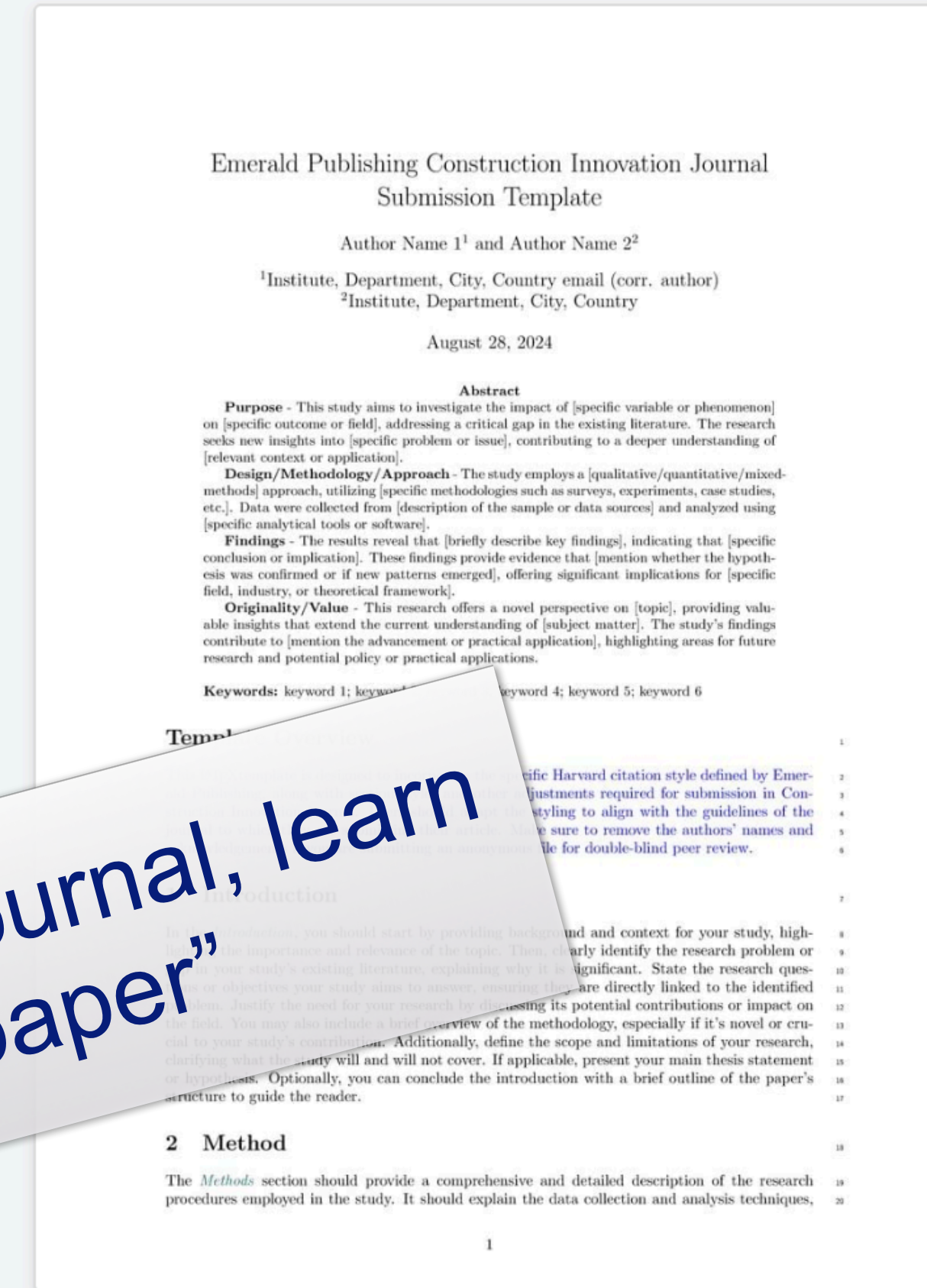
- Learn from good papers



IECE Article Template

This is the official template for LaTeX submissions t...

IECE (Institute of Emerging and Computer Engineers Inc)



Emerald Publishing - Construction Innovation J...

This LaTeX template is designed to incorporate the...

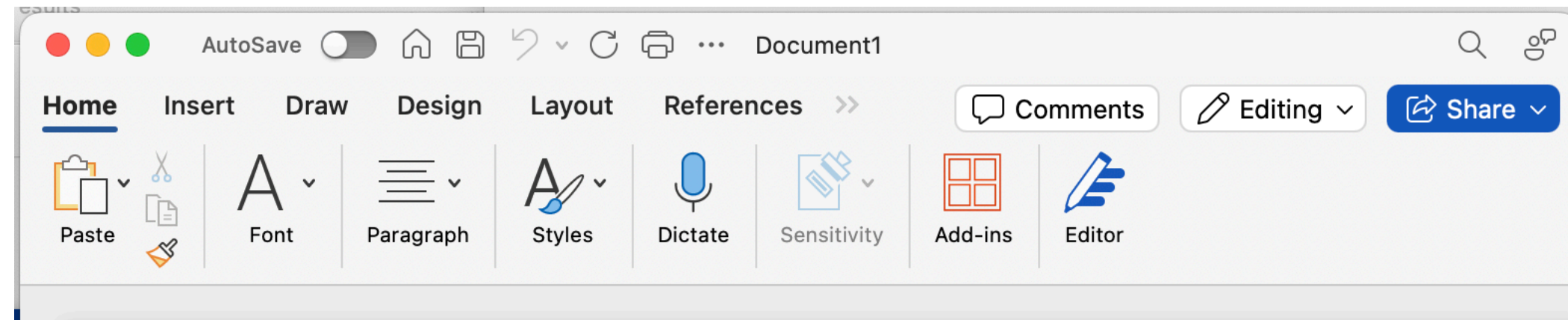
Oleksandr Melnyk

(5) Structure and journal, learn from "best paper"

4. Writing



(6) avoid “blank page” blockage



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62    The data used to support the findings of this study are available from the
63    corresponding author upon request.}
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IECE

IECE Transactions and Journals
<http://dx.doi.org/10.62762/IECE.2024.000000>

ARTICLE

The impact of school connectivity on rural development

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Abstract

Abstract are usually about 250 words, and for research articles they should give the background to the work, the methodology and the results. IECE strongly encourages authors to use a structured abstract in the following style: (1) **Background:** puts the problem discussed in a broad context and highlights the purpose of the study, as well as the constraints faced by the study; (2) **Methods:** briefly describes the main methods or treatments used; (3) **Results:** summarizes the main findings of the article as well as the shortcomings of the work; and (4) **Conclusions:** points out the main conclusions or interpretations. The abstract should be an objective representation of the article and should not contain results that are not presented and confirmed in the main text or exaggerate the main conclusions.

Keywords: Keywords 1, keywords 2, keywords 3, keywords 4, keywords 5.

Citation

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1 Introduction

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2 Related Work

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“I don't get writing done”



(7) add bullets/keywords to your paragraph

(9) use “pomodoro” method:
4 x 25 min

(8) create “open issues” for questions, things that come to your mind

(10) write “something” first, then
- revisit after some time
- print and read

5. Review by your supervisor



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5. Review and Publish

- “you are good enough”
 - though ask friends/supervisor for comments
- “a paper can always get better”
 - make it very good, not perfect
 - after the review you
- “don’t be frustrated to get a no”
 - a rejection is part of learning

(11) Get Things Done (GTD)
... and send in

what have I forgotten?

(1) Be critical to literature outcome

(2) build your opinion based on scientific evidence

(3) Adopt a method from others

(4) what is your output?

(5) Structure and journal, learn from “best paper”

(6) avoid “blank page” blockage

(7) add bullets/keywords to your paragraph

(8) create “open issues” for questions, things that come to your mind

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