

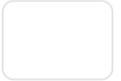
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Conflicts of interest	0   not updated		

Papers authored in all conferences

Conference	Paper title (details)	Status	Edit	Add and delete authors	Withdraw	Session	Video Presentation for Back Up (optional)	Presentation	Final manuscript
2020 3rd ISRTI	<i>A Comparison 5G NR Planning Between Mid-Band and High-Band Frequency: Study Case in Jababeka Industrial Estate</i>	Rejected					wrong paper status	wrong paper status	wrong paper status
2020 3rd ISRTI	<i>Techno-Economic 5G New Radio Planning at 26 GHz Frequency in Pulogadung Industrial Area</i>	Published				1G: Parallel Session 1-G from Thu, December 10, 2020 07:00 WIB until 09:00 (2nd paper) in Room G (15 min.)			
COMNETSAT 2020	<i>A Comparison 5G NR Planning Between Mid-Band and High-Band Frequency in Jababeka Industrial Estate</i>	Accepted					type not used		



2020 3rd ISRITI



#174 (1570690086): Techno-Economic 5G New Radio Planning at 26 GHz Frequency in Pulogadung Industrial Area

#174 (1570690086): *Techno-Economic 5G New Radio Planning at 26 GHz Frequency in Pulogadung Industrial Area*

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Desi Rianti, Alfin Hikmaturokhman and Dina Rachmawaty (Institut Teknologi Telkom Purwokerto, Indonesia)



Paper title	<i>Techno-Economic 5G New Radio Planning at 26 GHz Frequency in Pulogadung Industrial Area</i> Only the chairs can edit
Conference and track	2020 3rd International Seminar on Research of Information Technology and Intelligent Systems (ISRITI) - Computer Network, Security, Privacy
Abstract	Only the chairs can edit In the development of the latest cellular technology, namely 5G New Radio, it is able to support...
Keywords	5G New Radio; Coverage Planning; Capital Expenditure (CAPEX); Operational Expenditure (OPEX); Net Present Value (NPV) Only the chairs can edit
Topics	Telecommunication and Mobile Communication Only the chairs can edit
Similarity	On Nov 1, 2020 00:23 Asia/Jakarta , ithenticate computed a similarity score of 5 for the review manuscript.

Personal notes**Status**

Published

Copyright IEEE; IEEE: [Nov 30, 2020 16:33 Asia/Jakarta](#)**Registration** [Desi Rianti](#) has registered and paid for RB:Reg **Presented**by [Desi Rianti](#) in session 1G: *Parallel Session 1-G* from Thu, December 10, 2020 07:00 WIB until 09:00 (2nd paper) in Room G (15 min.)

Review manuscript



Presentation



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Final manuscript



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Reviews

3 Reviews

Review 1

[Technical content and scientific rigour](#) [Novelty and originality](#) [Quality of presentation](#) [Relevance and timeliness](#) [Recommendation](#)

Good (4)

Average (3)

Average (3)

Average (3)

Possible Accept. (2)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

1. All abbreviations should be defined in the first place, e.g., CAPEX, OPEX, NPV, IRR, etc. The same acronym in abstract and another part of the paper should be defined in both abstract and another place in the first place.
2. To provide enough and more information about Internet of Things to readers, the following article is suggested to be used and cited in the 1st paragraph of introduction section:
[1] A. Ghasempour, "Internet of Things in Smart Grid: Architecture, Applications, Services, Key Technologies, and Challenges," Inventions journal, vol. 4, no. 1, pp. 1-12, 2019.
3. The authors should summarize their contribution and novelty compared to the previous work in the introduction section using some bullets.
4. Before section II, a paragraph should be added to explain what will be discussed in each of the following sections, e.g., "In section II, ...".
5. The paper should be edited, e.g., citation should be before the end of the sentence not after period.
6. Quality of some of the figures is not good, e.g., Fig. 1.
7. All figures and tables should be placed in either top or bottom of the page.
8. All figures and tables should be placed after the paragraphs which describe them.
9. Each figure and table should be referred and explained in detail in the content of the paper.
10. Long table should have separate caption in each page or column.
11. The "future work" section should be added after conclusion.
12. Citations in reference section should follow IEEE format if it is not specified or predetermined.

Review 2~~Technical content and scientific rigour~~~~Novelty and originality~~~~Quality of presentation~~~~Relevance and timeliness~~~~Recommendation~~

Good (4)

Good (4)

Good (4)

Good (4)

Accept. (3)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

This paper is very interesting and the topic is in accordance with current technological developments.

But you should:

1. Add this result to the abstract

"Cost Benefit in the techno-economic optimistic scenario shows that in each scenarios the UL O2O LOS NPV is 18.717.100.225,53 IRR 21,90% for DL O2O LOS NPV is 18.735.479.406,56 and an IRR of 21,49% shows that the 5G NR network performance in the Pulogadung Industrial Area assumption the calculation of projections for the next 10 years is feasible."

2. Make conclusion in 1 paragraph not bullet points
- 3.

Review 3~~Technical content and scientific rigour~~~~Novelty and originality~~~~Quality of presentation~~~~Relevance and timeliness~~~~Recommendation~~

Good (4)

Good (4)

Average (3)

Average (3)

Accept. (3)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

It is recommended to improve Fig. 1, which is not clearly appreciated. Which paragraph explains the content of Fig. 1?

What is the research methodology? It is not clearly specified.

It is recommended to highlight in the conclusions the impact of the research and future works that can be carried out from the study

[EDAS](#) at delta for 36.66.160.2 (Fri, 07 Apr 2023 17:39:27 +0700 WIB) [User 1823537 using Win10:Chrome 111.0 0.738/4.572 s] [Request help](#)