

SEMINAR INTERNASIONAL 4

Status	Accepted
Nama Seminar	The 3rd International Conference on Biomedical Engineering(iBioMed), 2020, Yogyakarta, 6-8 Oktober 2020
Judul Manuskrip	Enhance Computing Performance Through Deep Learning and Blockchain Integration for Public Health Problems

RIWAYAT KORESPONDENSI:

1. Pengiriman Makalah

[IBIOMED 2020] #1570641909 has been uploaded

EDAS Conference Manager <help@edas.info>
on behalf of
ibiomed2020-chairs@edas.info <ibiomed2020-chairs@edas.info>
Wed 4/12/2020 12:36 AM

To: Maulidi Hery Purnomo <hery@ee.its.ac.id>; Iman Fahrudi <iman@polibatam.ac.id>; Waiik Anggrawan <waiik@nits.ac.id>

Dear Mr. Iman Fahrudi:

Thank you for uploading your paper 1570641909 (*Enhance Computing Performance Through Deep Learning and Blockchain Integration for Public Health Problems*) to **2020 3rd International Conference on Biomedical Engineering (IBIOMED)**. The paper is of type application/pdf and has a length of 658941 bytes.

You can modify your paper at <https://edas.info/showPaper.php?m=1570641909> and see all your submissions at <https://edas.info/index.php?c=27254> using the EDAS identifier iman@polibatam.ac.id

Regards,
The conference chairs

2. Makalah Diterima

EDAS Conference Manager <help@edas.info>
on behalf of
ibiomed2020-chairs@edas.info <ibiomed2020-chairs@edas.info>
Mon 7/6/2020 8:55 PM
To: Mauridhi Hery Purnomo <hery@eeuts.ac.id>; Iman Fahrudi <iman@polibetam.ac.id>; Wiwik Anggraeni <wiwik@nuts.ac.id>

Dear Prof. Mauridhi Purnomo:

Congratulations - your paper #1570641909 (Enhance Computing Performance Through Deep Learning and Blockchain Integration for Public Health Problems) for 2020 3rd International Conference on Biomedical Engineering (IBIOMED) has been **accepted**.

The reviews are below or can be found at <https://edas.info/showPaper.php?m=1570641909>.

Please make the necessary changes based on reviewers' comments and suggestions. Committee will check whether the revision has been performed or not. Fail to do so, we

have a right to exclude your paper from the proceedings.

A detailed guideline for the procedure for accepted papers will be published in <http://ibiomed.ugm.ac.id>

In general the authors will be required to submit IEEE Copyright forms, ensure that the camera ready paper complies with IEEE PDF Compliance by converting the file

through IEEE PDF Express and then upload the camera ready paper to EDAS at Final Manuscript. Please ensure that the maximum page of your final paper is 6-pages.

The current deadline for the submission for camera ready paper is July 31, 2020.

Each paper should have a registration with Registration Rate regulated in the conference website (the information will be available at <http://ibiomed.ugm.ac.id> as soon

Any paper without registration will be dropped automatically.

IEEE reserves the right to exclude a paper from distribution after the conference (e.g. removal from IEEE Xplore) if the paper is not presented at the conference.

We are looking forward to seeing you in the conference, on October 6 - 8, 2020.

Regards,
The conference chairs

IBIOMED 2020 review 1

Relevance and timeliness: Rate the importance and timeliness of the topic addressed in the paper within its area of research.

Acceptable (3)

Technical content and scientific rigour: Rate the technical content of the paper (e.g.: completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.

Marginal work and simple contribution. Some flaws. (2)

Novelty and originality: Rate the novelty and originality of the ideas or results presented in the paper.

Minor variations on a well investigated subject. (2)

Quality of presentation: Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references.

Substantial revision work is needed. (2)

Recommendation: How do you rate your recommendation?

Possible Accept. (2)

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

The paper proposes integration of deep learning and blockchain to enhance computing performance in public health domain. Some comments are as follows:

- Please elaborate the statement "The architecture was modified to fit the problem of blockchain implementation in case study locations." as this may present your technical contribution.
- The methodology of blockchain and deep learning is somewhat obscure, please consider clarifying it. Are you running deep learning algorithms on blockchain? Or blockchain is only used as data storage and a method to maintain data integrity?
- Please adhere to the IEEE layout.
- Please consider proofreading your manuscript. Some grammatical errors are found that may degrade the quality of your paper. In some parts of the manuscript, the quality is poor.
- The figures are quite small and barely readable.

IBIOMED 2020 review 2

Relevance and timeliness: Rate the importance and timeliness of the topic addressed in the paper within its area of research.

Acceptable (3)

Technical content and scientific rigour: Rate the technical content of the paper (e.g.: completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.

Valid work but limited contribution. (3)

Novelty and originality: Rate the novelty and originality of the ideas or results presented in the paper.

Some interesting ideas and results on a subject well investigated. (3)

Quality of presentation: Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references.

Readable, but revision is needed in some parts. (3)

Recommendation: How do you rate your recommendation?

Possible Accept. (2)

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

1. How the data integrity inside the blockchain are evaluated?
2. The data of ECG contains some noises. How the blockchain handle it? I mean, how to differentiate data security with certain amount of variance and some special perks in ECG type data.
3. How big is actually the system, since both blockchain and deep learning system take a huge amount of system resources?
4. The author mention that then is based on the other works related to location cases. Is it the only problem for the ECG cases? I would rather think that collecting ECG from many resource were prone to error, not only based on location, but also from the device, patient characteristic, and other error sources.

IBIOMED 2020 review 3

Relevance and timeliness: Rate the importance and timeliness of the topic addressed in the paper within its area of research.

Acceptable (3)

Technical content and scientific rigour: Rate the technical content of the paper (e.g.: completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.

Valid work but limited contribution. (3)

Novelty and originality: Rate the novelty and originality of the ideas or results presented in the paper.

Some interesting ideas and results on a subject well investigated. (3)

Quality of presentation: Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references.

Readable, but revision is needed in some parts. (3)

Recommendation: How do you rate your recommendation?

Possible Accept. (2)

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

- The title should be more specific, as this manuscript mainly discuss about predicting dengue fever.
- Please carefully follow the IEEE format.
- Poor image quality, some of them even cannot be read.
- Author should explain more detail on the analysis or finding of proposed collaboration of blockchain and deep learning.

3. Makalah dibagian Lampiran



LAMPIRAN

LAMPIRAN 1
JURNAL NASIONAL
(JNTETI)