BUKTI KORESPONDENSI PUBLIKASI INTERNASIONAL

Development of Virtual Model for Cyber Physical System Screw Turbine. Herman Budi Harja dkk.
IEEE International Conference on Internet of Things and Intelligence Systems (IoTaiS) 2022.

Publish On line 13 Desmber 2022.

DOI: 10.1109/IoTaIS56727.2022.9975960

Registrasi Paper

[IoTaIS'2022] Paper 1570831102 has been registered 22 July, 2022 04:46

From: EDAS Conference Manager On Behalf Of: IoTaIS'2022 (info@iotais.org)

To: Herman Budi Harja

Reply To: IoTaIS'2022

Dear Mr. Herman Harja:

Thank you for registering your paper 1570831102 (*Development of Virtual Model for Cyber-Physical Screw Turbine*) to **2022 International Conference on Internet of Things and Intelligence Systems**. You still have to upload your manuscript at 1570831102. Your manuscript can be application/pdf.

You can see all your submissions and their status at

https://edas.info/index.php?c=29674

using your EDAS user id **herman@polman-bandung.ac.id**.

Once you upload your manuscript, you will receive another email confirmation.

Regards,

Chair, IOTAIS 2021
http://www.iotais.org
info@iotais.org

Notifikasi Submission paper dan adding author pendamping

[IoTaIS'2022] #1570831102 has been uploaded 25 July, 2022 14:39

From: EDAS Conference Manager On Behalf Of: IoTaIS'2022 (info@iotais.org)

To: Herman Budi Harja Heri Setiawan Muhammad Zulfahmi Febriansyah Yuliadi Erdani

Reply To: IoTaIS'2022

Dear Mr. Herman Harja:

Thank you for uploading your paper 1570831102 (*Development of Virtual Model for Cyber-Physical Screw Turbine*) to **2022 International Conference on Internet of Things and Intelligence Systems**. The paper is of type application/pdf and has a length of 2648764 bytes.

You can modify your paper at 1570831102 and see all your submissions at https://edas.info/index.php?c=29674 using the EDAS identifier herman@polman-bandung.ac.id

Regards,
Chair, IOTAIS 2021
http://www.iotais.org
info@iotais.org

[IoTaIS'2022] Information about paper #1570831102 (Development of Virtual Model for Cyber-Physical Screw Turbine) has been changed 25 July, 2022 13:06

From: EDAS Conference Manager On Behalf Of: IoTaIS'2022 (info@iotais.org)

To: Herman Budi Harja Heri Setiawan Muhammad Zulfahmi Febriansyah Yuliadi Erdani

Reply To: IoTaIS'2022

Dear Mr. Herman Harja:

Information about your paper #1570831102 ('Development of Virtual Model for Cyber-Physical Screw Turbine') for IoTaIS'2022 was changed by Herman Budi Harja ():

Yuliadi Erdani added as author

No further action is required from you.

If you have already submitted your manuscript, you can change it at any time before the deadline by [web form upload] (1570831102).

You can see all your submissions, using the EDAS user name . From there, you can see the current status of the papers, whether a manuscript has been submitted and can edit the paper information.

You can directly view information about your [paper](1570831102).

Once you update your manuscript, you will receive another email confirmation.

Regards,

Chair, IOTAIS 2021
http://www.iotais.org
info@iotais.org

[IoTaIS'2022] Your paper will be review immediately 26 July, 2022 22:24

From: EDAS Conference Manager On Behalf Of: info@iotais.org

To: Herman Budi Harja

Reply To: info@iotais.org

Dear Mr. Herman Budi Harja,

Your paper 1570831102-Development of Virtual Model for Cyber-Physical Screw Turbine will start review on July 27, 2022 23:59 (America/New_York) for first priod. We hope you are patient waiting for the results of your paper review no later than the acceptance notification on September 25, 2022.

Best Regards

The Conference Chair

Notifikasi bahwa paper diterima dan Inputan Reviewer

Fw: [IoTaIS'2022] Review Results for Your paper #1570831102 (Development of Virtual Model for Cyber-Physical Screw Turbine) 26 September, 2022 21:08

From: Herman Budi

To: hermanbuharj@gmail.com

Cc: herman@polman-bandung.ac.id

----- Pesan yang Diteruskan -----
Dari: IoTaIS'2022 (info@iotais.org) <info=iotais.org@edas.info>
Kepada: Herman Budi Harja <h_b_harja@yahoo.com>; Heri Setiawan <heris@polman-bandung.ac.id>; Muhammad Zulfahmi Febriansyah <zulfahmi.fm@gmail.com>; Yuliadi Erdani <yul_erdani@yahoo.com>
Terkirim: Minggu, 25 September 2022 07.07.25 WIB
Judul: [IoTaIS'2022] Review Results for Your paper #1570831102 (Development of Virtual Model for Cyber-Physical Screw Turbine)

Dear Mr. Herman Harja,

PAPER ID : #1570831102, PAPER TITLE: Development of Virtual Model for Cyber-Physical ScrewTurbine

Congratulations! The IoTaIS'2022 Technical Program Committee hascompleted the review process on your papers and we are pleased to informyou that the manuscript listed above has been ACCEPTED.

The Technical Program Committee carefully selected reviewers forIoTaIS'2022 and assigned reviewers papers in their areas of expertise. Eachpaper was peer-reviewed by at least three reviewers and/or TPC members.Please find reviews of your paper bellow this email.

Please consider 5 mandatory steps:

1. Your revised paper of final manuscript must strictly following thestandard IEEE conference proceedings templates. Papers must be written onA4-format page according to the IEEE template Manuscripts of minimum four(4) pages and up to seven (7) pages in length.IEEE template Manuscripts founded at http://www.ieee.org/conferences_events/conferences/publishing/templates.htmlPlease make the necessary changes based on reviewer's feedback, commentsand suggestions which can be found at below, or 1570831102. Youmust maintain similarity score of final manuscript less than 30% (we areusing iThenticate).

2. Registration and paymentPlease be reminded that the due date for Authors Registration is October30, 2021. At least one author has to register for each paper. Payment andregistration details can be found at http://iotais.org/registration/and Conference registration at https://edas.info/r29674

3. PDF eXpress (IEEE Xplore compatible)Your revised manuscript must be compatible with IEEE Xplore. Please checkwith PDF eXpress at http://www.pdf-express.org/The Conference ID is 56727XFinal manuscript PDF must passed PDF format check by IEEE PDF-EXPRESS.You may using PDF Express to convert your docs file to pdf easily.

4. Final "camera-ready" manuscriptThe final "camera-ready" manuscript of your paper should be submitted inthe same manner as the review manuscript using EDAS before October 25,2022. Do not forget to make an author registration before submitting thefinal manuscript.

5. Electronic Copyright Form (eCF)Copyright form should be submitted electronically through EDAS.

Additionally, note that papers which are not presented at the conferencewill be excluded from the proceedings and will not appear on IEEE Xplore. It is therefore very important that at least one author of this paperattend the conference to present the work.

Should you have any question or inquiry, do not hesitate to contact usat info@iotais.org. We look forward to seeing you at the conference.

Thank you and best regards,

Dr. Istikmal

==========

Review 1

The Research Novelty: Rate the novelty andoriginality of the ideas or results presented in the paper.

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

The Clarity of Research Question: The clarity of researchquestion/problem and relevance of the literature overview

Problemcan be identified, and related to literature review (4)

Research Methods: Research methods appropriateness and evidenceadequacy (the relation between method and problem)

Research methodis not easily identified, but only partially appropriate to address theproblem (4)

Scientific argument and discussion: The strength of argument anddiscussion in connecting research finding with original research question.- The summary and conclusions (indicating to what degree the problem hasbeen solved)

Good discussion with adequate evidence to supportconclusion (4)

Future Impact: Future impact on related subject of theresearch/society.

Future impact is defined but not very clear; thelikely impact is relevant to some research/society (4)

Detailed comments: Please justify your recommendation and suggestimprovements in 1)Technical content and 2)Presentation.

Thisresearch has good idea.The presentation very well.The references up to date but need more references.

Review 2

The Research Novelty: Rate the novelty andoriginality of the ideas or results presented in the paper.

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

The Clarity of Research Question: The clarity of researchquestion/problem and relevance of the literature overview

Problemis easily identified in the introductory section, and clearly related toliterature review (5)

Research Methods: Research methods appropriateness and evidenceadequacy (the relation between method and problem)

Research methodis easily identified and is appropriate to address the problem (5)

Scientific argument and discussion: The strength of argument anddiscussion in connecting research finding with original research question.- The summary and conclusions (indicating to what degree the problem hasbeen solved)

Good discussion with adequate evidence to supportconclusion (4)

Future Impact: Future impact on related subject of theresearch/society.

Future impact is clearly defined, and is relevantto varied research/society (5)

Detailed comments: Please justify your recommendation and suggestimprovements in 1)Technical content and 2)Presentation.

The authorspresented the development of a virtual model of CPS of Screw Turbine. Eventhough the data used is dummy, the results and findings are rational andacceptable.

The paper is well presented with a good discussion of results with agood reference list.

I recommend accepting the paper.

Review 3

The Research Novelty: Rate the novelty andoriginality of the ideas or results presented in the paper.

Significant original work and novel results. (4)

The Clarity of Research Question: The clarity of researchquestion/problem and relevance of the literature overview

Problemis easily identified in the introductory section, and clearly related toliterature review (5)

Research Methods: Research methods appropriateness and evidenceadequacy (the relation between method and problem)

Research methodis easily identified and is appropriate to address the problem (5)

Scientific argument and discussion: The strength of argument anddiscussion in connecting research finding with original research question.- The summary and conclusions (indicating to what degree the problem hasbeen solved)

Good discussion with adequate evidence to supportconclusion (4)

Future Impact: Future impact on related subject of theresearch/society.

Future impact is clearly defined, and is relevantto varied research/society (5)

Detailed comments: Please justify your recommendation and suggestimprovements in 1)Technical content and 2)Presentation.

A good paperon a relevant topic. The methodology is adequate.

Review 4

The Research Novelty: Rate the novelty andoriginality of the ideas or results presented in the paper.

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

The Clarity of Research Question: The clarity of researchquestion/problem and relevance of the literature overview

Problemcan be identified, and related to literature review (4)

Research Methods: Research methods appropriateness and evidenceadequacy (the relation between method and problem)

Research methodis not easily identified, but only partially appropriate to address theproblem (4)

Scientific argument and discussion: The strength of argument anddiscussion in connecting research finding with original research question.- The summary and conclusions (indicating to what degree the problem hasbeen solved)

Good discussion with adequate evidence to supportconclusion (4)

Future Impact: Future impact on related subject of theresearch/society.

Future impact is not explicitly defined; thelikely impact is limited (3)

Detailed comments: Please justify your recommendation and suggestimprovements in 1)Technical content and 2)Presentation.

- Move the future work part to the conclusion
- Correct all spelling and basic theory of language, Example: 6.76 %----> 6.76% (no spacing), 160 Watt --> 160 W (use the abbreviationonly), Table I. is shown (?) ---> Table I shows, and many more
- Please polish the English
- Please add more references.

Review 5

The Research Novelty: Rate the novelty andoriginality of the ideas or results presented in the paper.

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

The Clarity of Research Question: The clarity of researchquestion/problem and relevance of the literature overview

Problemcan be identified, and related to literature review (4)

Research Methods: Research methods appropriateness and evidenceadequacy (the relation between method and problem)

Research methodis not easily identified, but only partially appropriate to address theproblem (4)

Scientific argument and discussion: The strength of argument anddiscussion in connecting research finding with original research question.- The summary and conclusions (indicating to what degree the problem hasbeen solved)

Standard arguments that only partially support theconclusion (3)

Future Impact: Future impact on related subject of theresearch/society.

Future impact is not explicitly defined; thelikely impact is limited (3)

Detailed comments: Please justify your recommendation and suggestimprovements in 1)Technical content and 2)Presentation.

Notifikasi bahwa paper telah publish

[IoTaIS'2022] Congratulations! 2022 IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS) - #56727 is now published in IEEE Xplore 14 December, 2022 13:21

From: EDAS Conference Manager On Behalf Of: info@iotais.org

To: Herman Budi Harja

Reply To: info@iotais.org

Dear Authors,

Congratulations! 2022 IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS) has been posted to the IEEE Xplore digital library effective 2022-12-13.

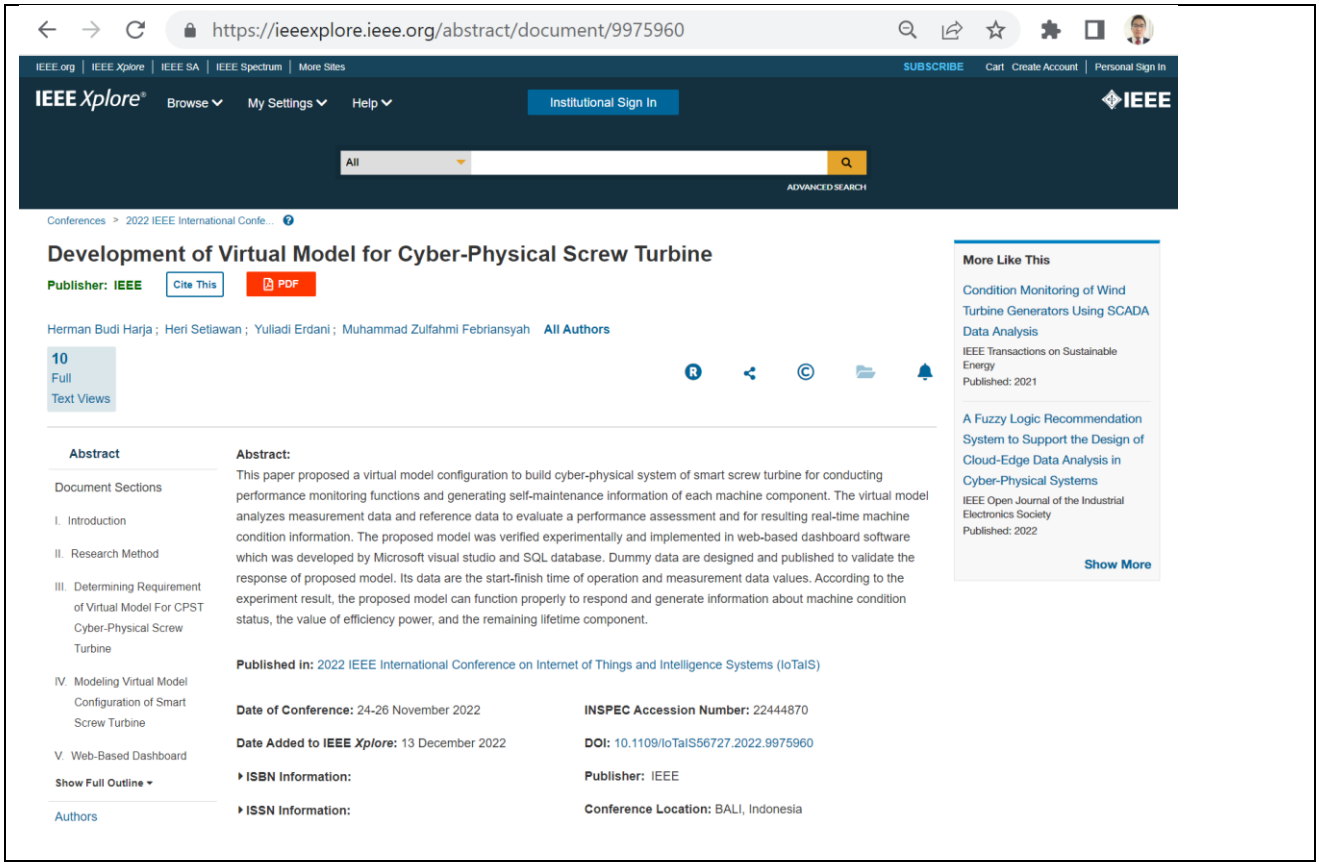
https://ieeexplore.ieee.org/xpl/conhome/9975794/proceeding

Along with publication in IEEE Xplore, IEEE assures wide distribution of conference proceedings by providing abstracting and indexing information of all individual conference papers to worldwide databases. IEEE makes every reasonable attempt to ensure that abstracts and index entries of content accepted into the program are included in databases provided by independent abstracting and indexing services. Each abstracting and indexing partner makes its own editorial decision on what content to include. IEEE cannot guarantee entries are included in any particular database.

Thanks for all, see you again in IoTaIS 2023.

Best regards

Muhammad Nasrun
Publication Chair of IoTaIS 2022


https://ieeexplore.ieee.org/abstract/document/9975960
IEEE.org | IEEE Xplore | IEEE SA | IEEE Spectrum | More Sites
SUBSCRIBE
Cart Create Account | Personal Sign In
IEEE Xplore
Browse
My Settings
Help
Institutional Sign In
IEEE
All
ADVANCED SEARCH
Conferences > 2022 IEEE International Confe...
Development of Virtual Model for Cyber-Physical Screw Turbine
Publisher: IEEE
Cite This
PDF
Herman Budi Harja ; Heri Setiawan ; Yuliadi Erdani ; Muhammad Zulfahmi Febriansyah All Authors
10
Full
Text Views
Abstract
Document Sections
I. Introduction
II. Research Method
III. Determining Requirement of Virtual Model For CPST Cyber-Physical Screw Turbine
IV. Modeling Virtual Model Configuration of Smart Screw Turbine
V. Web-Based Dashboard
Show Full Outline
Authors
Abstract:
This paper proposed a virtual model configuration to build cyber-physical system of smart screw turbine for conducting performance monitoring functions and generating self-maintenance information of each machine component. The virtual model analyzes measurement data and reference data to evaluate a performance assessment and for resulting real-time machine condition information. The proposed model was verified experimentally and implemented in web-based dashboard software which was developed by Microsoft visual studio and SQL database. Dummy data are designed and published to validate the response of proposed model. Its data are the start-finish time of operation and measurement data values. According to the experiment result, the proposed model can function properly to respond and generate information about machine condition status, the value of efficiency power, and the remaining lifetime component.
Published in: 2022 IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS)
Date of Conference: 24-26 November 2022
INSPEC Accession Number: 22444870
Date Added to IEEE Xplore: 13 December 2022
DOI: 10.1109/IoTaIS56727.2022.9975960
ISBN Information:
Publisher: IEEE
ISSN Information:
Conference Location: BALI, Indonesia
More Like This
Condition Monitoring of Wind Turbine Generators Using SCADA Data Analysis
IEEE Transactions on Sustainable Energy
Published: 2021
A Fuzzy Logic Recommendation System to Support the Design of Cloud-Edge Data Analysis in Cyber-Physical Systems
IEEE Open Journal of the Industrial Electronics Society
Published: 2022
Show More