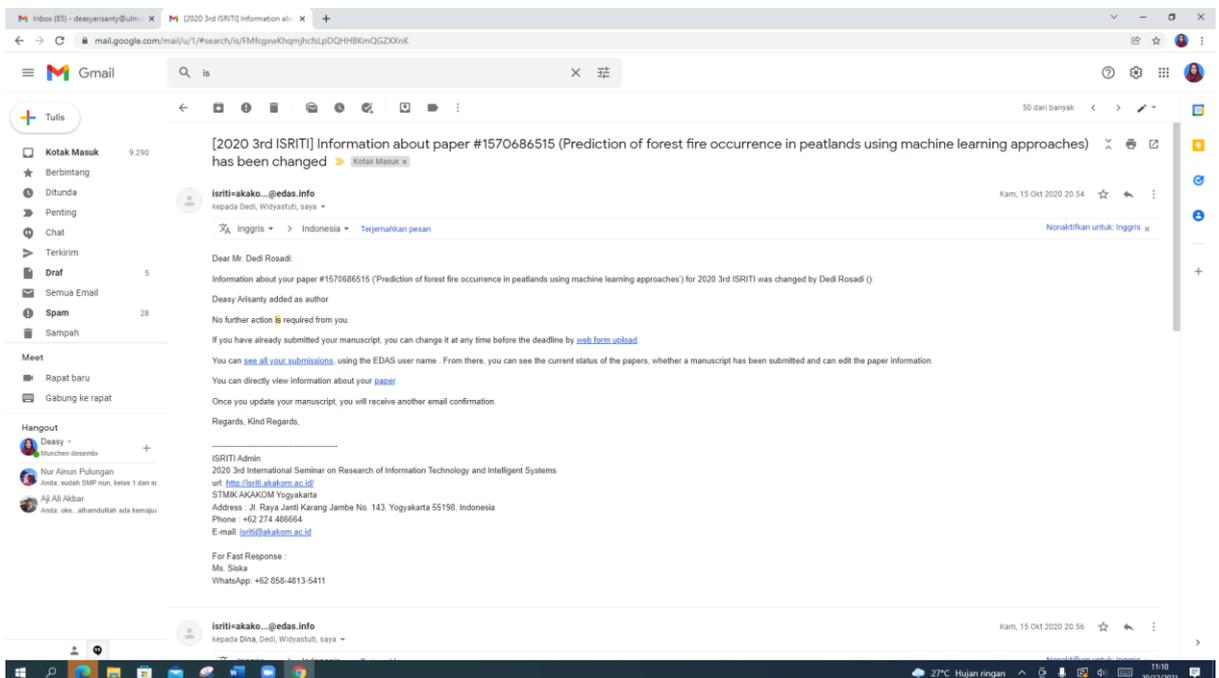
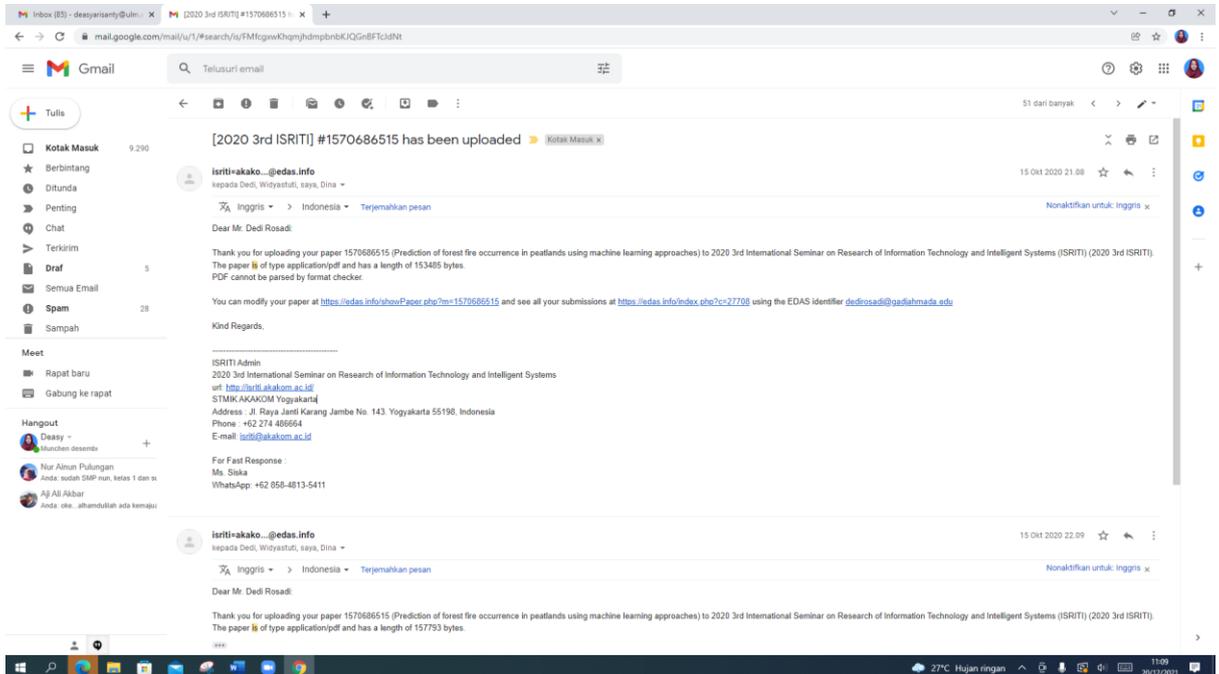


Korespondensi untuk prosiding dengan judul “Prediction of forest fire occurrence in peatlands using machine learning approaches” pada seminar 2020 3rd International Seminar on Research of Information Technology and Intelligent Systems (ISRITI) (2020 3rd ISRITI)

1. File di upload pada 15 Oktober 2020



2. Tanggal 25 Oktober keluar hasil review dari artikel

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[2020 3rd ISRTI] Your paper #1570686515 ('Prediction of forest fire occurrence in peatlands using machine learning approaches')

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Dear Mr. ,

After a rigorous review, with pleasure we would like to inform you that your paper with ID/Title: #1570686515 ('Prediction of forest fire occurrence in peatlands using machine learning approaches') for 2020 3rd ISRTI has been accepted to be presented and published in The 2020 3rd International Seminar on Research of Information Technology and Intelligent Systems (ISRTI) - 2020 3rd ISRTI which will be held in Yogyakarta, Indonesia during 10 - 11 DECEMBER 2020.

The blind review process has already taken from three reviewers and the result attached to this email. You have to revise your paper aligned with the review results.

The reviews are below or can be found at <https://edas.info/showPaper.php?m=1570686515>.

Please take some steps below.

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Moreover, if you are from foreign countries, we would like to inform the best way to travel to Yogyakarta. You can take a flight through Jakarta, Indonesia using international flight and travel from Jakarta to Yogyakarta using domestic flight, you can get into the GRAND INNA MALJOBORO HOTEL by using a Taxi. If you come from any ASEAN countries there are available some low fare flights directly to Yogyakarta.

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Review 1

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.

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Good (4)

Recommendation: How do you rate your recommendation?

Possible Accept (2)

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

- There are several grammatical and punctuation errors. Please recheck the paper!
- Almost all the equations can't be read easily. Please write them down by using the Ms. Equation feature!
- Why are there no 'Accuracy Training' for kNN in Table 1?
- Some technical suggestions can be given for future research in the Conclusion part

Review 2

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.

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Recommendation: How do you rate your recommendation?

Good (4)

Recommendation: How do you rate your recommendation?

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Forest fire is crucial in American, Australia in Summer, they call Bush Fire that is hard to control, loss of life, home, wild life. This research contribution is great for fire protection and save human life. The paper needs literature review for fire protection and control for other research and how your research method is advanced.

Kind Regards,

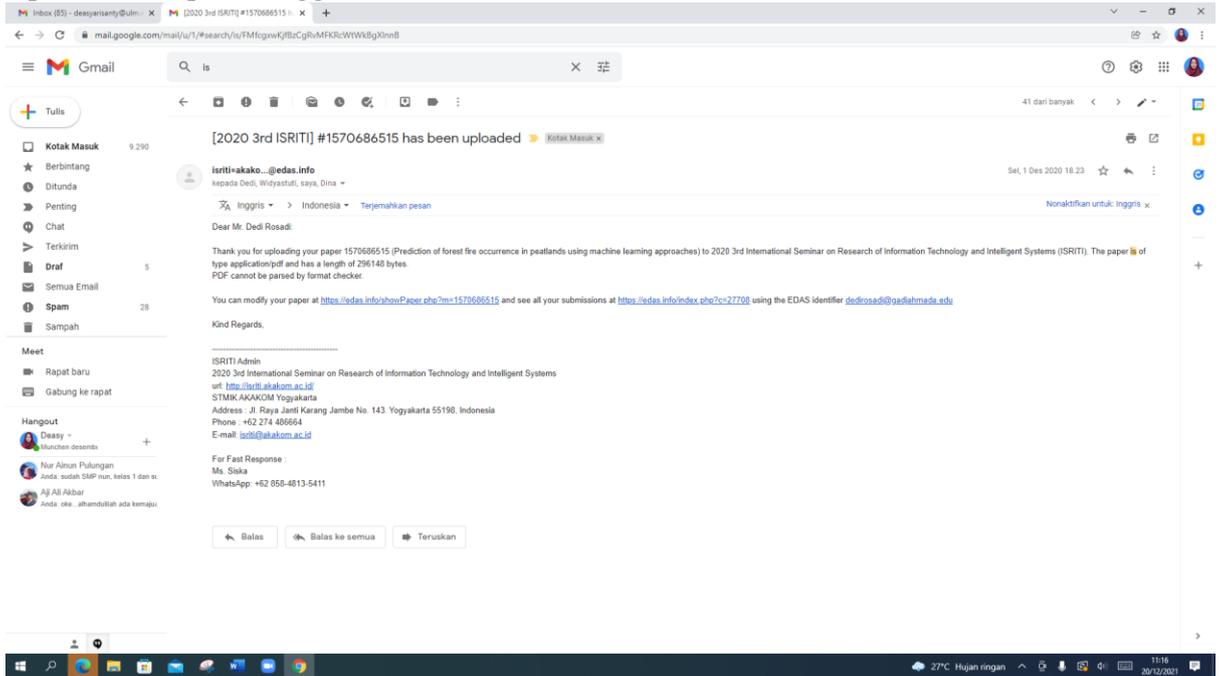
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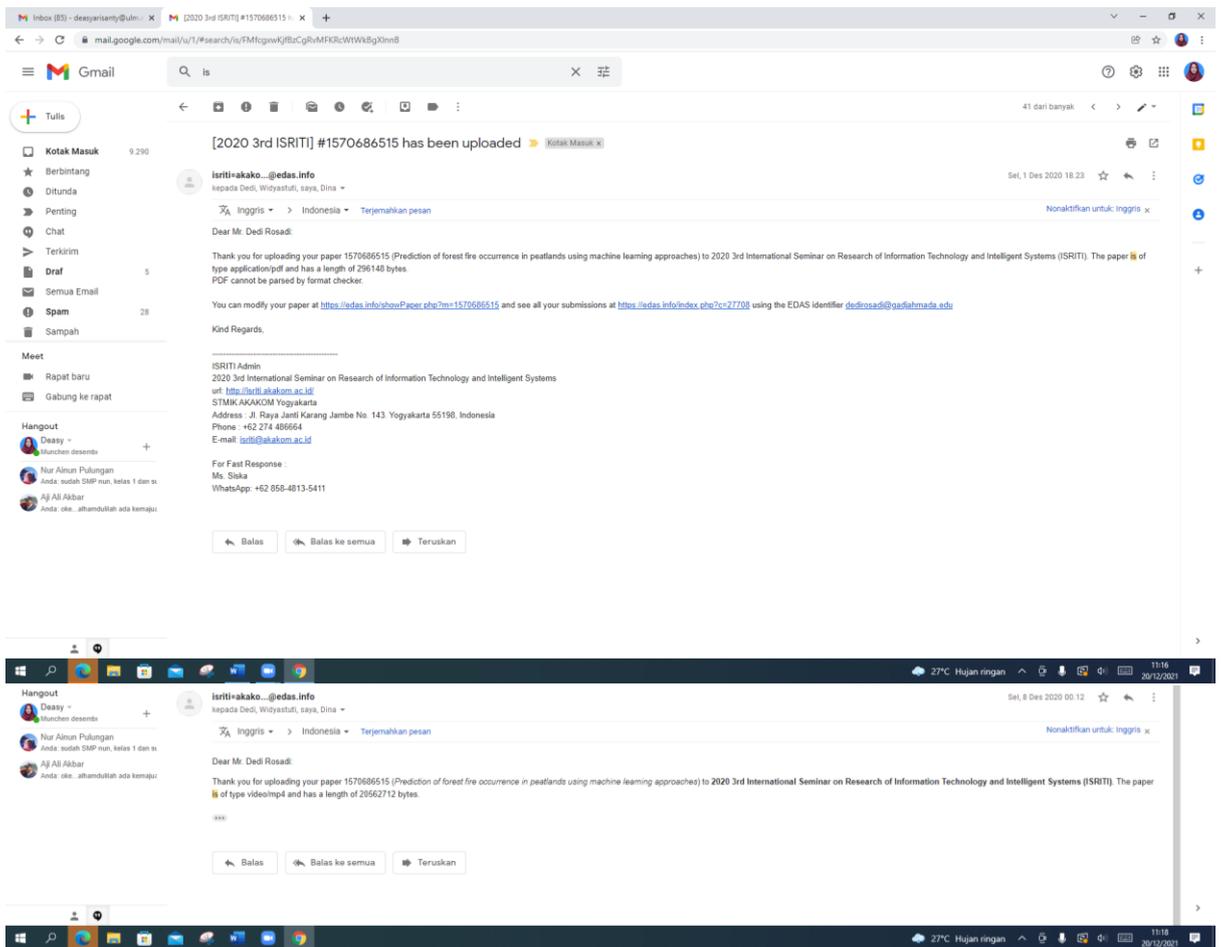
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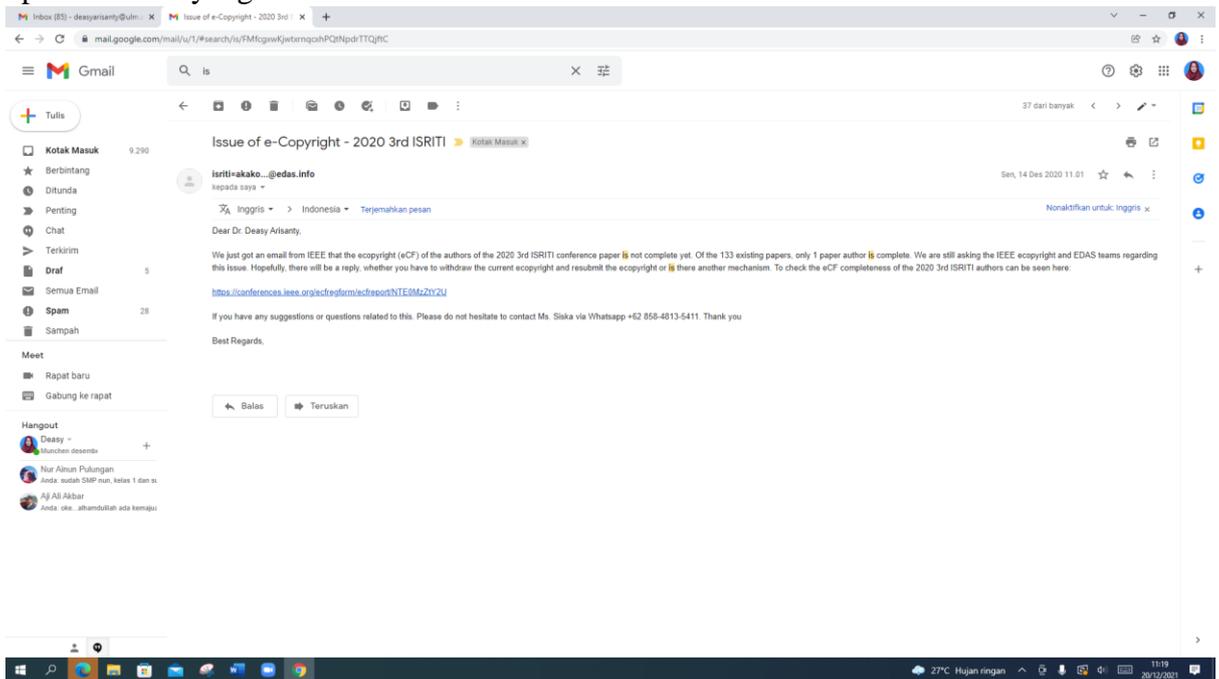
3. Upload revisi pada tangga; 1 Desember 2021



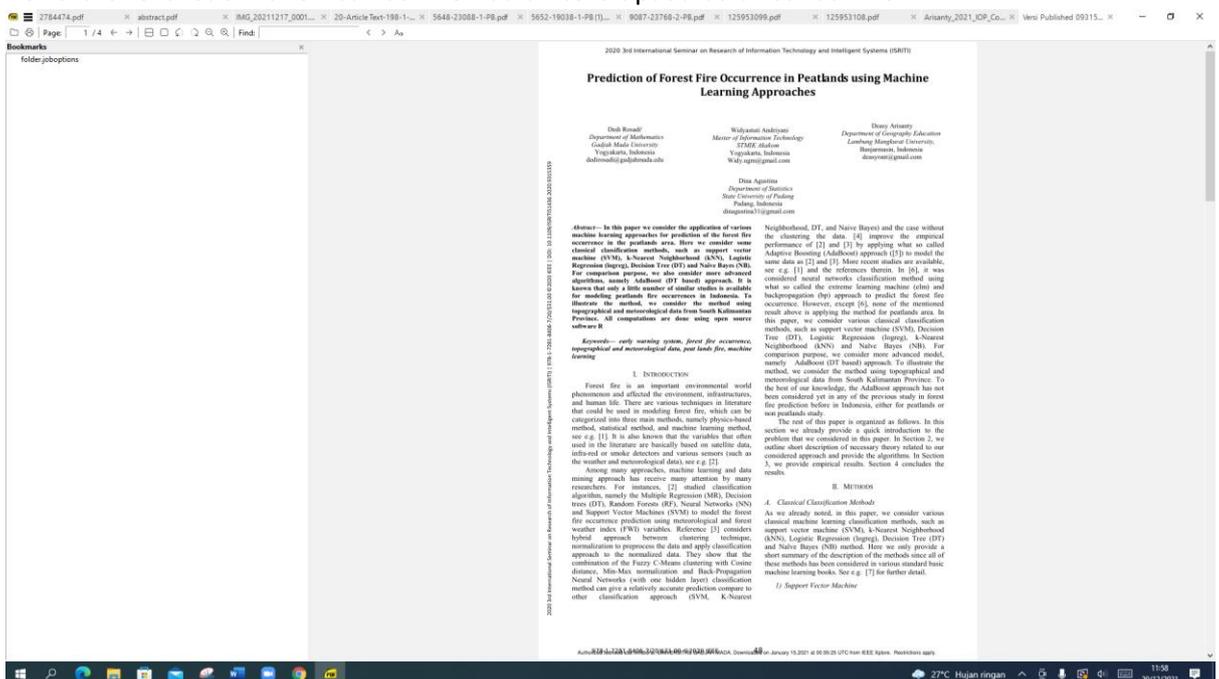
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5. Tanggal 14 Desember 2021, terdapat pemberitahuan dari panitia seminar, yaitu proses upload artikel yang masih belum selesai di IEEE.



6. Revisi artikel di submit kembali dan kemudian terbit pada bulan Januari 2021.



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| Authors | | | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Name</th> <th>ID</th> <th>Edit</th> <th>Flag</th> <th>Affiliation (edit for paper)</th> <th>Email</th> <th>Country</th> </tr> </thead> <tbody> <tr> <td>Dedi Rosadi</td> <td>1430229</td> <td></td> <td></td> <td>Gadjah Mada University, Indonesia</td> <td>dedrosadi@gadjahmada.edu</td> <td>Indonesia</td> </tr> <tr> <td>Widyastuti</td> <td>1341333</td> <td></td> <td></td> <td>STMIK AKAKOM & Indonesia, Indonesia</td> <td>Widyugm@gmail.com</td> <td>Indonesia</td> </tr> <tr> <td>Andriyani</td> <td>1569746</td> <td></td> <td></td> <td>Faculty of Teaching and Education & Universitas Lambung Mangkurat, Indonesia</td> <td>deasyrst@gmail.com</td> <td>Indonesia</td> </tr> <tr> <td>Dina Agustina</td> <td>1820220</td> <td></td> <td></td> <td>State University of Padang, Indonesia</td> <td>dinagustina31@gmail.com</td> <td>Indonesia</td> </tr> </tbody> </table> | Name | ID | Edit | Flag | Affiliation (edit for paper) | Email | Country | Dedi Rosadi | 1430229 | | | Gadjah Mada University, Indonesia | dedrosadi@gadjahmada.edu | Indonesia | Widyastuti | 1341333 | | | STMIK AKAKOM & Indonesia, Indonesia | Widyugm@gmail.com | Indonesia | Andriyani | 1569746 | | | Faculty of Teaching and Education & Universitas Lambung Mangkurat, Indonesia | deasyrst@gmail.com | Indonesia | Dina Agustina | 1820220 | | | State University of Padang, Indonesia | dinagustina31@gmail.com | Indonesia |
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| Andriyani | 1569746 | | | Faculty of Teaching and Education & Universitas Lambung Mangkurat, Indonesia | deasyrst@gmail.com | Indonesia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Title | <small>Only the chair (0000@seai-cha.irfi) can edit</small> | | Prediction of forest fire occurrence in peatlands using machine learning approaches | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abstract | <small>Only the chair (0000@seai-cha.irfi) can edit</small> | | In this paper we consider the application of various machine learning approaches for prediction of the forest fire occurrence in the peatlands area. Here we consider some classical classification methods, such as support vector machine (SVM), k-Nearest Neighborhood (kNN), Logistic Regression (logreg), Decision Tree (DT) and Naive Bayes (NB), for comparison purpose, we also consider more advanced algorithms, namely AdaBoost (DT based) approach. It is known that only a little number of similar studies is available for modeling peatlands fire occurrences in Indonesia. To illustrate the method, we consider the method using topographical and meteorological data from South Kalimantan Province. All computations are done using open source software R. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keywords | <small>Only the chair (0000@seai-cha.irfi) can edit</small> | | early warning system; forest fire occurrence; topographical and meteorological data; peatlands fire; machine learning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Presenter(s) | | | Dedi Rosadi (bio) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Registration | | | Dedi Rosadi has registered and paid for RB Reg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Session | | | 1B: Parallel Session 1-B from Thu, December 10, 2020 07:00 until 09:00 (2nd paper) in Room B (15 min.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOI | <small>Only the chair (0000@seai-cha.irfi) can edit</small> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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