

confirmation of submitted paper

Sukamta <sukamta@umy.ac.id>

Mon 7/8/2019 3:15 AM

To: ahrozanti@gmail.com <ahrozanti@gmail.com>

Cc: azwadi@utm.my <azwadi@utm.my>

 1 attachments (1 MB)

CFD_Letters_the simulation of computational fluid dynamics (CFD)...pipes-format baru.doc.docx;

Dear Editor CFD Letter

Greetings

I would like to inform you that I already have submitted my paper entitled "Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe", but I am sorry, i sent it with old template. And now I am pleased to send you the paper with new template that i have downloaded form CFD Letter website : <http://www.akademiabaru.com/cfdl.html>.

I hope that i will have good news from you as soon as posible.

Thank you

Sincerely yours

sukamta sukamta

[cfdl] Submission Acknowledgement

Nor Azwadi Che Sidik <azwadi@akademiabaru.com>

Wed 11/27/2019 4:01 AM

To: Sukamta <sukamta@umy.ac.id>

sukamta sukamta:

Thank you for submitting the manuscript, "Two-Phase Flow Pattern of Air-Water with Low Viscosity in a 5-Degree Slope of a Capillary Pipe" to CFD Letters. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Submission URL:

<http://www.akademiabaru.com/submit/index.php/cfdl/authorDashboard/submission/321>

Username: sukamta

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Nor Azwadi Che Sidik

CFD Letters

Your article has been published in SCOPUS database

Computational Fluid Dynamics <journal2017cfdl@gmail.com>

Thu 12/26/2019 3:44 AM

To: Sukamta <sukamta@umy.ac.id>

Cc: NOR AZWADI BIN CHE SIDIK FKM <azwadi@utm.my>

Dear Author,

Congratulations, your article is now in SCOPUS database (see attachment). Please cite this article in your next high impact publication. Thank you and looking forward for your next contribution to Akademia Baru journal.

Scopus data base: <https://www2.scopus.com/record/display.uri?eid=2-s2.0-85074956906&origin=resultslist&sort=plf-f&src=s&st1=CFD+letters&st2=&sid=5aec72fa75caa075bbe69749fe6f2465&sot=b&sdt=b&sl=21&s=SRCTITLE%28CFD+letters%29&relpos=9&citeCnt=1&searchTerm=>

The screenshot shows the Scopus document details for the article: "Computational fluid dynamics (CFD) and experimental study of two-phase flow patterns gas-liquid with low viscosity in a horizontal capillary pipe". The author is listed as "Sukamta, T. et al." from the Department of Mechanical Engineering, Universitas Muhammadiyah Yogyakarta, Indonesia. The abstract discusses the comparison between computational and experimental results for two-phase flow in a horizontal capillary pipe. The paper is indexed in SCOPUS and has a citation count of 1.

CFD Letters
Akademia Baru Publishing (M) Sdn Bhd

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>
Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be held a

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

Re: CALL FOR PAPERS - SCOPUS INDEXED Re: Decision concerning manuscript: CFDL19-058 (Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe)

Sukamta <sukamta@umy.ac.id>

Fri 8/23/2019 10:49 AM

To: Computational Fluid Dynamics <journal2017cfdl@gmail.com>

2 attachments (2 MB)

CFDL19-058-1st reviewer comment-rev2.pdf; CFDL19-058-1st reviewer comment-rev2.docx;

Dear

Please find attached files of my revised paper. I do apologize for this inconvenience.

Yhanks

sincerely yours

sukamta sukamta

From: Computational Fluid Dynamics <journal2017cfdl@gmail.com>

Sent: Friday, August 23, 2019 6:30:59 AM

To: Sukamta <sukamta@umy.ac.id>

Subject: Re: CALL FOR PAPERS - SCOPUS INDEXED Re: Decision concerning manuscript: CFDL19-058 (Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe)

Please resubmit by replying to this email.

Thank you

On Fri, Aug 23, 2019 at 2:30 PM Computational Fluid Dynamics <journal2017cfdl@gmail.com> wrote:

Dear Author,

I think you submit the wrong file. The revised paper dont have Author name and affiliation.

Thank you

On Fri, Aug 23, 2019 at 1:27 PM Computational Fluid Dynamics <journal2017cfdl@gmail.com> wrote:

we received. Thank you.

On Wed, Aug 21, 2019, 3:40 PM Sukamta <sukamta@umy.ac.id> wrote:

Dear Editors

I do apologize for this inconvenience. I have sent a revised article yesterday, but actually there is one mistake for figure 1.a) and b), so now I would like to send you again a correct revision files.

Please kindly check attached files.

Thank you

Sincerely yours

sukamta

From: Computational Fluid Dynamics <journal2017cfdl@gmail.com>

Sent: Tuesday, August 20, 2019 8:50:38 AM

To: Sukamta <sukamta@umy.ac.id>

Subject: CALL FOR PAPERS - SCOPUS INDEXED Re: Decision concerning manuscript: CFDL19-058 (Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe)

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>

Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

--

CFD Letters

Akademia Baru Publishing (M) Sdn Bhd

<https://outlook.office365.com/mail/search/id/AAQkAGFjOTU3Y2E2LTQ5YzctNDQxMy1iNTdlLTFlYmI2ODZhNjQyYQAQAAQPpWjSgyhIitXqIR7P5Ew...>

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>

Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be held at

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

--

CFD Letters

Akademia Baru Publishing (M) Sdn Bhd

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>

Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be held at

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

--

CFD Letters

Akademia Baru Publishing (M) Sdn Bhd

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>

Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be held at

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

Re: Your submission

Sukamta <sukamta@umy.ac.id>

Sun 9/1/2019 3:16 PM

To: Nor Azwadi MJIIT <azwadi@utm.my>

 1 attachments (1 MB)
CFDL19-058-rev.docx;

Dear Nor Azwadi MJIIT

Thanks for this update information and suggestion, and I have considered to cite 2 of 4 articles that you suggested to me.

Please kindly find the attached file of new revision.

Thank you

Sincerely yours

Sukamta Sukamta

From: Nor Azwadi MJIIT <azwadi@utm.my>
Sent: Sunday, September 1, 2019 7:52:33 AM
To: Sukamta <sukamta@umy.ac.id>
Subject: Your submission

Dear Author

Please find the attached formatted manuscript. Since we are in the process of applying SCOPUS indexed for our other journals, please also consider citing the following

Numerical Study of Separation Length of Flow through Rectangular Channel with Baffle Plates
MM Jamil, MI Adamu, TR Ibrahim, GA Hashim
Journal of Advanced Research Design 7 (1), 19-33

Numerical Prediction of Laminar Nanofluid Flow in Rectangular Microchannel
AB Saidu Bello, CS Nor Azwadi, WX Hong
Journal of Advanced Research Design 50 (1), 1017

Performance Enhancement of Cold Thermal Energy Storage System Using Nanofluid Phase Change Materials: A Review
NAC Sidik, TH Kean, HK Chow, A Rajaandra, S Rahman, J Kaur
Journal of Advanced Research in Materials Science 43 (1), 1-21

Prediction of Fluid Flow in Artificial Cancellous Bone
ESA Yamina, CSN Azwadi
Journal of Advanced Research in Materials Science 3 (1), 8-14

Please reply back to me as soon as possible

Thanks

DISCLAIMER: The information in this e-mail and any attachment(s) transmitted with it ("Message") is intended only for the use of the intended recipient(s) and may contain confidential or privileged information. UTM are not responsible for any unauthorised changes made to the information or for the effect of such changes. You are hereby notified that any action in reliance upon, or any review, retransmission, dissemination, distribution, printing or copying of this Message or any part thereof by anyone other than the intended recipient(s) is strictly prohibited. Any opinions, conclusions and other information in this Message that do not relate to the official business of UTM shall be understood as neither given nor endorsed by UTM. UTM shall not be liable for loss or damage caused by viruses transmitted by this Message.

Re: Decision concerning manuscript: CFDL19-058 (Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe)

Sukamta <sukamta@umy.ac.id>

Tue 8/20/2019 8:50 AM

To: Computational Fluid Dynamics <journal2017cfdl@gmail.com>

Cc: NOR AZWADI BIN CHE SIDIK FKM <azwadi@utm.my>

3 attachments (2 MB)

Response To Reviewer Form.docx; CFDL19-058-1st reviewer comment.pdf; CFDL19-058-1st reviewer comment.docx;

Dear Editor

I would like to express my gratitude for receiving my paper no. CFDL19-058 with some suggestions for improvement.

I am pleased to send you all of corrections, respond for reviewer's comment, and revised paper. Please kindly find in attached files.

Thank you

Sincerely yours

sukamta

From: Computational Fluid Dynamics <journal2017cfdl@gmail.com>

Sent: Friday, July 26, 2019 9:08:37 AM

To: Sukamta <sukamta@umy.ac.id>

Cc: NOR AZWADI BIN CHE SIDIK FKM <azwadi@utm.my>

Subject: Decision concerning manuscript: CFDL19-058 (Computational Fluid Dynamics (CFD) and Experimental study of Two-Phase Flow Patterns Gas-Liquid with Low Viscosity in a Horizontal Capillary Pipe)



Dear Author,

Thank you for your submission to Akademia Baru Journal.

The review results of your submission has arrived. The reviewers suggested some improvements before final publication of your article. Please refer to the comments below.

Please submit the revised version before **15 July 2019** using this template:

http://www.akademiabaru.com/doc/CFDL_template.docx.

Submission of the **Revised Manuscript** and **Response To Reviewer Form** (in attachment for highlight correction in manuscript) can be made via our online submission form on the journal's website

<http://www.akademiabaru.com/cfdl.html> (click on 'submission of revised manuscript')

OR

Directly go to this link: <https://airtable.com/shr4gQB1zfl8Z59gJ>

Reviewer's 1 comments:

1. The topic is important and relevant for publication

YES

Comments

The title is suitable with this journal.

2. The work presented in the manuscript is original

YES

Comments

Average

3. The manuscript uses sufficient references

NO

Comments

There are 3 references are not written in English and the last reference is incomplete.

4. The manuscript uses appropriate language and styles

YES

Comments

<https://outlook.office365.com/mail/search/id/AAQkAGFJOTU3Y2E2LTQ5YzctNDQxMy1iNTdlLTIYmI2ODZhNjQyYQAQAFxRa2LtxJJEPh%2FvP%2B...>

Low. Many mistakes in English writing either in grammatical and spelling.

5. The title of the manuscript is appropriate

YES

Comments

Good

6. The order of presentation is satisfactory

YES

Comments

This paper covered Introduction, Methodology, Results and Discussion, but no discussion in this paper.

7. The abstract adequately summarizes the content of the manuscript

YES

Comments

Good

8. The introduction is adequately developed

YES

Comments

Average. It is not systematically described

9. The problem described in the manuscript is clearly stated

YES

Comments

Average

10. The adopted methodology described in the manuscript is sound

YES

Comments

Low

11. The findings of this manuscript are correctly interpreted

YES

Comments

Good

12. The quality of figures and illustrations is acceptable for publications

YES

Comments

However, Fig. 1 has to be revised in proportional size, and Figure caption has to clearly write each picture.

13. The manuscript does not dwell on any sensitive issues

YES

Comments to Author

1. There are many mistakes in writing English either grammatical or spelling.
2. Introduction is not described systematically, and the novelty is unclear.
3. No discussion in this paper.
4. New finding resulted from this research is also unclear.
5. There are corrections in references.
6. Acknowledgment is left blank.

Reviewer's 2 comments:

1. Please follow CFD template format for **FIGURE** and **TABLE**. Please check how to write a caption and how to mention those figure and table in body paragraph.
2. Please change Table 1/2/3/4/5 to **FIGURE** form because it is suitable for that.
3. Please rewrite the content of those Figures manually because the size of font was very big in the picture form. The font size should 12 pt.
4. Please resize Fig. 1. Because the size was too small.
5. In body paragraph, all figure should be written as "Figure".
6. Number of reference in body paragraphs were not tally with number of reference at reference list. Please check.
7. Please write references in chicago style as mentioned in CFD Letters template.
8. There has no citation from **AKADEMIA BARU** journal, please cite few articles from the site below especially from the first link:
<http://www.akademiabaru.com/arfmts.html>
<http://www.akademiabaru.com/ard.html>

<https://outlook.office365.com/mail/search/id/AAQKAGFjOTU3Y2E2LTQ5YzctNDQxMy1iNTdlLTFlYml2ODZhNjQyYQAQAFxRa2LtxJJEpH%2FvP%2B...>

12/27/2019

Mail - Sukamta - Outlook

<http://www.akademiabaru.com/journal.html>

Note: Please response to each comments in **Response To Reviewer Form (mandatory)** before you resubmit your manuscript.

*Soft reminder: Please make a payment of APC charge after you get the acceptance letter.

--

CFD Letters

Akademia Baru Publishing (M) Sdn Bhd

CALL FOR PAPERS

<https://submit.confbay.com/conf/isfmts19>

Akademia Baru Publishing (M) Sdn Bhd are pleased to announce the 4th International Symposium on Fluid Mechanics and Thermal Sciences (4th IS-FMTS 2019) which will be held a

All accepted papers will be published in SCOPUS indexed journals.

- 1) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, or
- 2) CFD Letters

<https://outlook.office365.com/mail/search/id/AAQkAGFJOTU3Y2E2LTQ5YzctNDQxMy1iINTdILTfIYmI2ODZhNjQyYQAQAFxRa2LtxJJEpH%2FvP%2B...>

No	Reviewers' comments	Revision (copy and paste here the corrections that you have made in your manuscript)
Reviewer 1		
1	There are many mistakes in writing English either grammatical or spelling.	<p>To validate the result of the simulation was conducted the experimental study using same parameters and conditions relatively</p> <p style="text-align: center;">Table 1</p> <p>Solution Set-Up and Solution Method For furthers,....</p> <p>.... similar behavior.</p>
2	Introduction is not described systematically, and the novelty is unclear.	Only a few of those researches used the computational method especially for mini channel and low viscosity. This research gave a new data of two-phase flow air-water with low viscosity in the horizontal capillary pipe both from computational fluid dynamics and experimental.
3	No discussion in this paper	<p>The previous research on CFD of annular two-phase Flow was done[16]. This research is focused on the prediction of drying by modeling the annular flow. A unified computational fluid dynamics (CFD) model for annular flow was developed for drying applications. The integrated framework produced for annular flow has been applied to steam-water flow with conditions typical for Boiler Water Reactors. Simulation results for the flow of liquid films and the occurrence of drying show compatibility with available experimental data.</p> <p>The Previous study was conducted[17]that the most studies identify the following two-phase flow regimes: bubble, slug and annular. The regimes found in some papers are described. Here they analyse the main factors affecting the structure of the two-phase flow, such as gas and liquid</p>

flow rates, parameters of the channel and input section, wettability of the inner surface of channels, liquid properties, and gravitational forces. It was shown that development of instability of the two-phase flow has a significant impact on formation, evolution, and change of the flow regimes.

The concentration of fluid impacted to the Reynolds number. On the other hand, research focus on effect of increasing of flow rate to the Reynolds number was conducted [14]. The flow rate is increased linearly with time from an initial Reynolds number of 9308 (based on hydraulic diameter and bulk velocity) to a final Reynolds number of 29,650. The increase of Reynolds number was caused by the increase of flow rate and also by the increase of viscosity or concentration of fluid. So that why the higher flow rate and viscosity, the higher Reynolds number. For furthers, the increase of Reynolds number impacted to the flow instability. The number of flow instability effect to flow pattern. Meanwhile, The turbulent viscosity trend shows similar behavior. Such a reduction in the intermittency leads to further reduction in turbulent kinetic energy and shear stress in the wall region [14]. The superficial velocity can be expressed by flow rate parameter. The flow rates of the fluids are nonlinear functions of the pressure gradients. The conventional as well as the generalized relative permeabilities depend strongly not only on saturation but also on flow rate ratio, and viscosity ratio. Large viscosity ratio produce cooperative effects that cause increases of the relative permeability to

		both fluids at any given saturation value [15]. The increase of relative permeability will effect to type of flow.
4	New finding resulted from this research is also unclear	This paper has clearly shown that there was good corresponding between simulation and experimental data for a slug-annular, annular and churn flow patterns. This research also clearly contributed a new data that the liquid and gas superficial velocity effected to pressure gradient significantly. Beside that, the viscosity of fluid also have meaningful impacted to the pressure gradient. For furthers, the pressure gradient impacted to the above flow pattern
5	There are corrections in references.	All missing Reference were completed as below : [1] K.A. Triplett, S. M. Ghiaasiaan, S. I. Abdel-Khalik, and D. L. Sadowski, "Gas-Liquid Two-Phase Flow in Microchannels—Part I: Two-Phase Flow Pattern", <i>International Journal of Multiphase Flow</i> , 377–394, 1999. [2] Darvind Nadaraja, Natrah Kamaruzaman1, Ummikalsom Abidin, Mohsin Mohd Sies, Experimental Study on the Effect of Multilayer Microchannel Arrangement to the Thermal Hydraulic Performance of Microchannel Arrays, <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> 57, Issue 1(2019) 23-31 [3] Sukamta, Thoharudin, and D. M. Nugroho, "Simulasi CFD Aliran Stratified Air-Udara Searah Pada Pipa Horisontal", 1–8, 2016. [4] T. Fukano, and A. Kariyasaki, "Characteristics of gas-liquid two-phase flow in a capillary tube",

		<p><i>Nuclear Engineering and Design</i>, 141(1-2), pp.59-68, 1993.</p> <p>[5] R. M. Santos, and M. Kawaji, "International Journal of Multiphase Flow Numerical modeling and experimental investigation of gas-liquid slug formation in a microchannel T-junction Teflon Tubing", <i>International Journal of Multiphase Flow</i>, 36(4), 314–323, 2010.</p> <p>[6] H. A. Khaledi, I. E Smith, T. E. Unander, and J. Nossen, "Investigation Of Two-Phase Flow Pattern, Liquid Holdup and Pressure Drop In Viscous Oil-Gas Flow", <i>International Journal Of Multiphase Flow</i>, 37-51, 2014.</p> <p>[7] D. Tsaoulidis, V. Dore, P. Angeli, N. V. Plechkova, and K. R. Seddon, "Flow Patterns and Pressure Drop Of Ionic Liquid-Water Two-Phase Flow In Microchannels", <i>International Journal Of Multiphase Flow</i>, 1-10, 2013.</p> <p>[8] E. A. Chinnov, F. V. Ron'shin, and O. A. Kabov, "Two-Phase Flow Patterns In Short Horizontal Rectangular Microchannels", <i>International Journal Of Multiphase Flow</i>, 2015.</p> <p>[9] H. Matsubara, and K. Naito, "Effect of Liquid Viscosity on Flow Patterns of Gas-Liquid Two-Phase Flow in a Horizontal Pipe", <i>International Journal of Multiphase Flow</i>, 37(10), 1277–1281, 2011.</p> <p>[10] M. Irsyad, (Effect of Two-Phase Flow on Force Fluctuation of Horizontal Wall Pipe ("Pengaruh Aliran Dua Fasa Gas-Cair Terhadap Fluktuasi Gaya Pada</p>
--	--	---

		<p>Dinding Pipa Horizontal”), <i>Jurnal Mekanikal</i>, 3(1), 2012.</p> <p>[11] B. Santoso, Indarto, Deendarlianto, and Thomas, S.W. Pressure Drop Fluctuation of Slug Air-Water Two-Phase Flow Co-Current Horizontal Pipe (“Fluktuasi Beda Tekanan dari Pola Aliran Slug Air-Udara pada Aliran Dua Fase Searah Pipa Horizontal”), <i>ROTASI</i>, 14(2), pp.1-6, 2012.</p> <p>[12] R. Wibowo, A. Z. Hudaya, and M. Kabib, Experimental Study of Sub Stratified Two-Flow Pattern Co-Current Horizontal Pipe based on Pressure different (“Studi Eksperimen Mengenai Sub-sub Pola Aliran Stratified Pada Aliran Dua Fasa Searah Berdasar Fluktuasi Beda Tekanan Pada Pipa Horizontal”), <i>Simetris: Jurnal Teknik Mesin, Elektro dan Ilmu Komputer</i> 6(2), 385–390, 2015.</p> <p>[13] A.D. Korawan, “Pola Aliran Dua Fase (Air+ Udara) pada Pipa Horizontal dengan Variasi Kecepatan Superfisial Air”, <i>Mekanika</i>, 14(1), 2015.</p> <p>[14] H. Li and H. Anglart, “Dryout prediction with CFD model of annular two-phase flow,” <i>Nucl. Eng. Des.</i>, vol. 349, pp. 20–26, Aug. 2019.</p> <p>[15] E. A. Chinnov, F. V. Ron’shin, and O. A. Kabov, “Regimes of two-phase flow in micro- and minichannels (review),” <i>Thermophysics and Aeromechanics</i>, vol. 22, no. 3. Maik Nauka-Interperiodica Publishing, pp. 265–284, 27-May-2015.</p>
--	--	--

		<p>[16] Deendarlianto, M. Andrianto, A. Widyaparaga, O. Dinaryanto, Khasani, and Indarto, "CFD Studies on the Gas-Liquid plug two-phase flow in a horizontal pipe", <i>Journal of Petroleum Science and Engineering</i>, 2016.</p> <p>[17] S. Gorji, M. Seddighi, C. Ariyaratne, A.E. Vardy, T. O'Donoghue, D. Pokrajac, S. Hea, "A comparative study of turbulence models in a transient channel flow", <i>Computers & Fluids</i> 89, pp. 111–123, 2014</p>
6	Acknowledgment is left blank.	Thanks to Ministry of Research, Technology and Higher Education Republic of Indonesia for the Research Funds on the scheme of PDUPT. I would like to express my gratitude for Sudarja and Mi'raj Rizky Hidayatullah supported and measured data.
Reviewer 2		
1	Please follow CFD template format for FIGURE and TABLE . Please check how to write a caption and how to mention those figure and table in body paragraph.	<p>All suggestions were followed up refer to Guide line for Author, i.e :</p> <p style="text-align: center;">Table 1 Solution Set-Up and Solution Method</p> <p>Figure 1. The Flow Pattern with $J_G = 9.62$ m/s and Various Variation of J_L a). Air-Water with 0% Glycerine, b). Air-Water with 10% Glycerine, c). Air-Water with 20% Glycerine, and d). Air-Water with 30% Glycerine</p> <p>Figure 2. Experimental data of Flow Pattern with $J_G = 7.0$ m/s and Various of J_L with concentration of 20% glycerin</p> <p>Figure 3. Experimental data of Flow Pattern with $J_L = 0.149$ m/s and Various of J_G with concentration of 20% glycerin</p>

		<p>Figure 4. Experimental data of Flow Pattern with $J_G = 4.238 \text{ m / s}$ and $J_L = 0.091 \text{ m / s}$ with various concentration of glycerin</p> <p>Figure 5. The effect of J_L to the pressure gradient of two-phase flow</p> <p>Figure 6. The effect of concentration of fluid to the pressure gradient of two-phase flow</p>
2	Please change Table 1/2/3/4/5 to FIGURE form because it is suitable for that	<p>All suggestions were followed up, i.e : Table 1 Solution Set-Up and Solution Method</p> <p>Figure 1. The Flow Pattern with $J_G = 9.62 \text{ m/s}$ and Various Variation of J_L a). Air-Water with 0% Glycerine, b). Air-Water with 10% Glycerine, c). Air-Water with 20% Glycerine, and d). Air-Water with 30% Glycerine</p> <p>Figure 2. Experimental data of Flow Pattern with $J_G = 7.0 \text{ m/s}$ and Various of J_L with concentration of 20% glycerin</p> <p>Figure 3. Experimental data of Flow Pattern with $J_L = 0.149 \text{ m/s}$ and Various of J_G with concentration of 20% glycerin</p> <p>Figure 4. Experimental data of Flow Pattern with $J_G = 4.238 \text{ m / s}$ and $J_L = 0.091 \text{ m / s}$ with various concentration of glycerin</p> <p>Figure 5. The effect of J_L to the pressure gradient of two-phase flow</p> <p>Figure 6. The effect of concentration of fluid to the pressure gradient of two-phase flow</p>
3	Please rewrite the content of those Figures manually because the size of font was very big in the picture form. The font size should 12 pt.	It was revised

4	Please resize Fig. 1. Because the size was too small	It was revised
5	In body paragraph, all figure should be written as "Figure".	<p>Table 1 Solution Set-Up and Solution Method</p> <p>Figure 1. The Flow Pattern with $J_G = 9.62$ m/s and Various Variation of J_L a). Air-Water with 0% Glycerine, b). Air-Water with 10% Glycerine, c). Air-Water with 20% Glycerine, and d). Air-Water with 30% Glycerine</p> <p>Figure 2. Experimental data of Flow Pattern with $J_G = 7.0$ m/s and Various of J_L with concentration of 20% glycerin</p> <p>Figure 3. Experimental data of Flow Pattern with $J_L = 0.149$ m/s and Various of J_G with concentration of 20% glycerin</p> <p>Figure 4. Experimental data of Flow Pattern with $J_G = 4.238$ m / s and $J_L = 0.091$ m / s with various concentration of glycerin</p> <p>Figure 5. The effect of J_L to the pressure gradient of two-phase flow Figure 6. The effect of concentration of fluid to the pressure gradient of two-phase flow</p>
6	Number of reference in body paragraphs were not tally with number of reference at reference list. Please check	It was revised.
7	Please write references in chicago style as mentioned in CFD Letters template.	It was revised.
8	There has no citation from AKADEMIA BARU journal, please cite few articles from the site below especially from the first link: http://www.akademiabaru.com/arfmts.html http://www.akademiabaru.com/ard.html http://www.akademiabaru.com/journal.html	On the other hand, the experimental study on the effect of multilayer microchannel arrangement to the thermal hydraulic performance of microchannel arrays was conducted also[2]. Darvind Nadaraja, Natrah Kamaruzaman1, Ummikalsom Abidin, Mohsin Mohd Sies, Experimental Study on the Effect of Multilayer Microchannel Arrangement to the

		Thermal Hydraulic Performance of Microchannel Arrays, Journal of Advanced Research in Fluid Mechanics and Thermal Sciences 57, Issue 1(2019) 23-31
--	--	--