



Outlook

Re: Abstract submission for ICAMST 2014

From ICAMST 2014 <icamst2014@gmail.com>**Date** Wed 11-June-2014 23:44**To** Sudi Mungkasi <sudi@usd.ac.id>

Dear Sudi Mungkasi, Ph.D.

Your abstract have been accepted. Please see in our website <http://situs.opi.lipi.go.id/icamst2014/> and go to participant.

Best regards,

ICAMST2014

2014-06-10 1:39 GMT+07:00 Sudi Mungkasi <sudi@usd.ac.id>:

Dear Dr. Risa Suryana,

We submitted an Abstract for ICAMST 2014 Conference via the online form, but do not know if it has been received.

Therefore, herewith we attach the PDF containing the Abstract. Its title is "Numerical solutions to fast transient pipe flow problems". In this work we propose a numerical method to solve a water hammer flow problem in a pipe. The results may help in choosing the material that must be used for the pipe, so that the pipe does not break when there is fast transient flow.

We await for your response and thank you for your attention.

Yours sincerely,

Sudi Mungkasi, Ph.D.

Department of Mathematics, Sanata Dharma University
Mrican, Tromol Pos 29, Yogyakarta 55002, Indonesia

Numerical solutions to fast transient pipe flow problems

S. Mungkasi^{*}, A. Prasetyadi, and F. A. R. Sambada

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Mrican, Tromol Pos 29, Yogyakarta 55002, Indonesia

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Abstract

We propose a finite volume method to solve a water hammer flow problem in a pipe. This flow is of the type of fast transient pipe flow. The mathematical model governing the problem is a hyperbolic system of two simultaneous partial differential equations. Therefore, our proposed choice of finite volume method is appropriate. In particular, we consider water flows through a pipe from a pressurised water tank at one end to a valve at the other end. We want to know the pressure and velocity profile in the pipe when the valve closes as a function of time. Here, we show that the finite volume method is very robust to solve the problem. In addition, knowing the pressure profile of water in the pipe is useful for choosing the material that must be used for the pipe, so that the pipe does not break when there is fast transient flow.



ICAMST 2014

From ICAMST 2014 <9780000030344@scientific.net>

Date Wed 09-July-2014 10:07

To Sudi Mungkasi <sudi@usd.ac.id>

Dear Dr. Sudi Mungkasi,

Your login credentials for uploading your paper for the conference «ICAMST 2014» are :

URL : <http://www.scientific.net>

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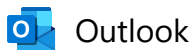
When preparing your manuscript, please be sure to follow the template available under « Participant Home ». Please fill out the manuscript Checklist (fourth entry on the Participant bar). Also, while submitting the manuscript, be sure to also submit a completed Copyright Form.

Please note that manuscript submission closes on 8/24/2014.

Best regards,

Risa Suryana

suruyana@gmail.com



Outlook

"ICAMST 2014" Manuscript "Numerical Solutions to Fast Transient Pipe Flow Problems"

From ICAMST 2014 <9780000030344@scientific.net>**Date** Fri 06-March-2015 15:08**To** Sudi Mungkasi <sudi@usd.ac.id>

Dear Dr. Sudi Mungkasi,

Based on the reports of the referees, the Editors have determined that your manuscript «Numerical Solutions to Fast Transient Pipe Flow Problems» requires revision before it can be published in the Proceedings of «ICAMST 2014». To access the referees' reports and submit your revised manuscript, please use the publisher's website <http://www.scientific.net> and log in using the credentials below:

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After you login please select « Participant » and then « Papers » near the top of the screen and then click on items in the « Reviews » column of the papers list to access the Editor/Reviewer reports of your paper. If you click on the « Paper Title » column of the papers list you will get to a screen where you can upload your revised manuscript.

Please check the Review(s), revise your manuscript and upload a new version. The new paper must be uploaded over the first version, just click on your paper title and upload the new version (mandatory).

The revised manuscript is uploaded over the earlier version, thus replacing it.

Please note that revised manuscript submission closes on 3/7/2015.

If you have any questions or wish to comment on your revisions, please E-mail the Editor.

Thank you.

Best regards,

Sutikno

sutiknounnes@gmail.com



Your paper has been accepted for publication in ICAMST 2014

From ICAMST 2014 <9780000030344@scientific.net>

Date Tue 31-March-2015 10:03

To Sudi Mungkasi <sudi@usd.ac.id>

Dear Dr. Sudi Mungkasi,

Your paper «Numerical Solutions to Fast Transient Pipe Flow Problems» has been accepted for publication in the Advanced Materials Research. Although no further action is required, you can verify the status of your manuscript by logging in to the publisher's website :

Please go to <http://www.scientific.net> and log in using the credentials below.

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After you login please select « Participant » near the top of the screen.

If any further changes to your manuscript become necessary you must notify and obtain permission of an Editor via E-mail PRIOR to uploading a new version. Thank you very much.

Best regards,
Editors



Outlook

Free Author access at scientific.net for ICAMST 2014

From Trans Tech Publications <authors@ttp.net>**Date** Thu 11-June-2015 14:40**To** Sudi Mungkasi <sudi@usd.ac.id>

Materials Science & Engineering

► **Online periodicals**

Dear Dr. Sudi Mungkasi,

Your paper(s) will be published in our Periodical of Advanced Materials Research Vol. 1123 in 2015 with the title Advanced Materials Science and Technology II.

You may access (free of charge) your paper(s) online and download a PDF version from <http://www.scientific.net>

Login sudi@usd.ac.id

Password 4nv5Fj3V

Go to 'Author' (upper left corner), then go to 'Papers' and click on the PDF icon next to your paper.

Thank you for supporting our Periodical.

Kind regards,

TTP Team
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PS. We are glad to inform you, that the third volume of our new periodical 'Diffusion Foundations' is now available online. Please check our web site for detailed information on all our books and periodicals in the materials science and engineering area: <http://www.ttp.net>

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Thank you to all participants, authors and reviewers of ICAMST 2014

From Trans Tech Publications <authors@ttp.net>

Date Wed 26-August-2015 15:42

To Sudi Mungkasi <sudi@usd.ac.id>



- [Surf our library](#)
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Dear Dr. Sudi Mungkasi,

We would like to thank you all: participants, authors and reviewers for the great work you did to help produce this new book.

Advanced Materials Science and Technology II

<http://www.ttp.net/978-3-03835-561-8.html>

Collection of selected, peer reviewed papers from the International Conference on Advanced Materials Science and Technology (ICAMST 2014), September 16-17, 2014, Solo, Indonesia.

The 86 papers are grouped as follows:

- Chapter 1: Mathematical Theory and Numerical Methods;
- Chapter 2: Materials Synthesis and Properties Research;
- Chapter 3: Eco-Friendly and Biocompatible Materials;
- Chapter 4: Nanomaterials - Synthesis and Application;
- Chapter 5: Materials Manufacturing, Processing and Applications

Please forward this mail to your colleagues who might be interested in this field of research.

Thank you very much for your time and support.

Kind regards,

TTP Team

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