

Date: Mon, 23 Jan 2012 16:50:05 -0500
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Subject: Challenge for Metrologia
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Dr. Theodore P. Hill
<http://people.math.gatech.edu/~hill/>

Dear Dr. Harris,

Thank you for your message below congratulating us on the success of our article in Metrologia.

Our article compared a C-12 redefinition of the kilogram with the proposed Planck redefinition, and found the C-12 kg superior. The unusually high number of downloads of our paper (top 3% among all IOP journal downloads) perhaps reflects Metrologia readers' interest in the concerns we raised about the proposed New SI. In fact there is now a lively debate underway via email and other journals, but, unfortunately, not in Metrologia.

Metrologia has systematically suppressed publication of articles critical of the New SI, and in particular, articles critical of the Planck kg, even though published Metrologia Editorial Policy states that "proposals to replace [the kilogram and other units] with better ones will be particularly welcome", as encouraged by BIPM(CIPM).

Our own article that you congratulated us on was first rejected by two

(rather discourteous) Metrologia referees' reports and the Editor. We rewrote completely, and it was again rejected by the same referees and the Editor. We appealed, based on the logic of our arguments, and the Editor denied the appeal. Finally we convinced the Editor of the validity of our reasoning, and it was eventually published, but only after one of the crucial CCU meetings. Now it has been downloaded more than 500 times.

In spite of Metrologia's published policy to encourage proposals of better units, as far as I know, there has not been a SINGLE favorable referee's report on any of the multiple submissions to Metrologia by world experts who are critical of the Planck kg. Papers critical of the Planck kg, or supportive of a C-12 kg, are apparently simply sent to the architects of the Planck kg, who summarily reject them with unkind comments such as "schoolboy algebra".

If Metrologia is indeed serious about encouraging open debate on the C-12 vs the Planck kg (and the Proposed New SI in general) then here is a challenge. Reiterate Metrologia and BIPM's commitment to open debate on the New SI, call for new papers on the subject, and send them out for review to neutral, or at least mixed, referees. Err on the side of inclusion.

Thank you for your time and consideration.

Ted Hill
Professor Emeritus of Mathematics, Georgia Institute of Technology
Research Scholar in Residence, California Polytechnic State University

----- Forwarded message from metrologia@iop.org -----
Date: Mon, 27 Jun 2011 21:40:17 -0000
From: metrologia@iop.org
Subject: Your article has been downloaded 500 times!
To: hill@math.gatech.edu

Dear Dr Hill,

I am pleased to tell you that your article, "Towards a better definition of the kilogram", in Metrologia, Vol 48, pp83 (2011), has been downloaded 500 times so far.

To put this into context, across all IOP journals 3% of articles were accessed over 500 times this year.

You can link directly to your article at:
<http://stacks.iop.org/0026-1394/48/83>

I would like to thank you for supporting Metrologia and I trust that you have found our publication process to be friendly and efficient. I hope you will consider submitting further papers to the journal and encourage your colleagues to do likewise.

Our publication times are highly competitive and we use a fully electronic editorial process from submission to peer review to production. Electronic submission to IOP Publishing can be done very simply at the following web page:
<http://atom.iop.org/atom/usermgmt.nsf/EGWebSubmissionWelcome>

We look forward to working with you again. If you have any queries about the journal, please don't hesitate to contact me.

If you would prefer not to receive further updates on the number of times this article has been downloaded, please reply to this email with the word remove in the subject line.

Kind regards

Sharon D'Souza Harris
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Dr. Theodore P. Hill
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Quoting staff@openrecordsonline.net:

This is a Georgia Open Records Act request for an official state record (email) at the Georgia Institute of Technology.

Please send us via email copies of email to Metrologia on Jan 23, 2012.

Thank you for your time.

Sincerely,

staff@openrecordsonline.net