

July 29th, 2005

Dr. Kerry Rowe, Vice-Principal (Research)  
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DEPARTMENT OF  
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Dear Dr. Rowe,

**Re: Misconduct in Academic Research-  
Research funded by NASA/ AFS**

I am writing this letter in accordance with Article 17 of the Collective Agreement. I am referring to the following paper by Lukman, Smith and Sahoo:

" Improved Melt Conditioning ..... " Transactions of the American Foundry Society (AFS),  
515-524 (2002)- presented at the AFS Casting Congress; Kansas City MO; USA, May 2002.

A copy of this paper and other relevant documents are enclosed.

It has come to light now that the above paper by Lukman, Smith and Sahoo which was also presented at the AFS Casting Congress is a copy of another paper by the same authors published 7 (seven) years earlier! See the paper entitled "Molten Metal Filtration ...." by Lukman, Smith and Sahoo (enclosed). The authors have copied almost the entire paper including, the abstract, results, discussion, conclusions and even the references. In the abstract of the paper published in 2002, the authors claim that " for the first time, the influence of dissolved gas and /or inclusions has been determined". They hope that the American Foundry Society would not find out that the results are actually seven years old and that the results were published at least once before in 1995. The authors have intentionally changed the title of the paper and eliminated the earlier publication from the list of references to disguise the misconduct. Of course, this is not an isolated case. There are other duplicated publications in AFS by the same authors (See, for example, the paper entitled " How the Marangoni Force.....", published in AFS Transaction 02-109, pages 375-381 (2002) - also presented at the AFS Casting Congress). Apparently, the authors know exactly what they are doing. The following recent statement makes it very clear why the authors had to disguise the fact that the AFS papers were duplicated:

" Most recently, this collaboration was funded by AFS, through a NASA contract with the stipulation that research results be presented annually at the AFS Casting Congress; as a result, we reported annually on progress and these manuscripts were published in the Transactions of the American Foundry Society"

Sincerely,

M. Shirkhazadeh  
Associate Professor  
Department of Mechanical Engineering

Enc.