



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	2014_AIR_11625
Title of the Manuscript:	Heat transfer and solidification of molten iron in a pipe
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	<p>The authors must prepare a grid independence/mesh convergence study to show that their results are not dependent on the size of mesh used.</p> <p>The authors need to add a section in the paper which discusses the numerical method used in more detail.</p> <p>The authors must compare their findings to experimental data which clearly must be available in the literature for such a common set-up as being studied.</p>	<p>A figure is added showing the results of the mesh size analysis.</p> <p>Numerical solution is already discussed in Section 3.</p> <p>As is explained in Section 5, no direct comparison with experimental results is made due to the lack of experimental data.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		