



**SDI Review Form 1.6**

**PART 1:**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	<b>MS: 2013_PRR1_3341</b>
Title of the Manuscript:	<b>Dust ion-acoustic K-dV and modified K-dV solitons in a dusty degenerate dense plasma</b>

**General guideline for Peer Review process is available in this link:**

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b><u>Compulsory</u></b> REVISION comments		
<b><u>Minor</u></b> REVISION comments	<p>1- What is the motive to study the MK-dV equation?</p> <p>2- You have mentioned that there is a rarefactive soliton dip in section VI, though there is no numerical investigation related to that result!</p> <p>3- The language of the manuscript has to be revised. For example "silitons", the name of the author "Forton", "electro-ion" and "...an great...". In page 2, righ column, you define "<math>p</math>", however, it isn't needed. There is a jump in the reference citation in the first page left column, [24-33] are missed, then later appeared. Please arrange your citations. The full name of "K-dV" is not defined in the abstract.</p> <p>2- In Fig 1, 2, 5, and 6, no need to 3D plots, the proportionality of the soliton amplitudes on <math>u_0</math> is known form their mathematical expressions. It is enough 2D graphs.</p> <p>3- No need to state the first paragraph in section V. It doesn't lead to any significant result.</p> <p>4- You considered non-relativistic and ultrarelativitic limits of Chandrasekhar and also you provided 5 applications in section VI. Please identify at least one application corresponding to each studied case.</p> <p>5- Would you cite the work of Phys Rev <b>85</b>, 026406 (2012) and Adv Space Res 50, 101 (2012) which are recent related articles to this study.</p> <p>6- Would you reduce the number of references as some of them are related directly to the topics of this article?</p>	



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<b>Optional/General</b> comments		
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**Reviewer Details:**

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