



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_31669
Title of the Manuscript:	Computer Modeling of Properties of Superparticles with the Help of Experimental Data Run I at the LHC
Type of the Article	Original research paper

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>In this paper the authors have investigated the implications of constraints on the CMSSM model from the experimental data produced by experiments.</p> <p>Using the restricted parameter space of CMSSM model the authors have calculated masses, decay widths, cross sections for production of superparticles at the center of mass energy of 13 TeV and 33 TeV.</p> <p>The article is very interesting and is very well written, the references are appropriate. The figures require a better definition.</p>	<p>Figures are explained according to the latest experimental data on searches for supersymmetry, future experimental measurements at the LHC with 14 TeV and 300 fb⁻¹ luminosity and correspond to computer modelling of parameter plane for CMSSM model.</p>
<u>Minor</u> REVISION comments	<p>In my opinion, the article can be published after a better definition of the figures.</p>	<p>Figures are considered in more detail and defined with the corresponding references.</p>
<u>Optional/General</u> comments		