



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_40246
Title of the Manuscript:	Calculation of Temporal Plasmas of XFEL Experiments with a Relativistic Collisional Radiative Average Atom Code
Type of the Article	Original Research 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>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	<p>Figure 1-5 – Use better resolution. The figures are blur.</p> <p>Line 195-196 even for durations of laser 196 irradiation of 8.0E-14 s for aluminium or of 3.4E-13÷2.3E-13 s for neon.(Is it range? If it is division then just provide the final value)</p> <p>Label of Heading / Subheading</p> <p>Refer to the guidelines below. http://www.sciencedomain.org/page/general-guideline-for-authors#Type_of_papers</p>	<p>This is my final revised paper version 1, please check all changes in yellow, especially that of lines:</p> <p>Lines 253-255: We can observe also in Figure 3.b, that n-shell populations temporal evolutions $P_n(t)$ at $E_{rad}=800$ eV and $P_n(t)$ n-shells populations temporal evolutions at $E_{rad}=1050$ eV versus 2000 eV, follow perfectly the changes in the electronic temperature temporal profiles.</p> <p>I'll send the figures by email for better resolution and you can locate in bigger size inside the document (the dots per inch are 1000 horizontal and vertical, if you need even better resolution, indicate it to me and I put 2000 or 3000 dots).</p> <p>It is the duration indicated in Workshop NLTE-10 for each experiment.</p>
Minor REVISION comments		
Optional/General comments		