Reviewers comments	Corrections
Major comment:	Major comments have been corrected
The paper requires major language editing. I	accordingly.
recommend that the authors go through the	decoratingly.
text again and scrutinise the document very	
carefully. Alternatively, the authors might want	
to approach their Institution's language editing	
support services. There are far too many	
language related issues to list in this review	
report. Recurring mistakes include the mixing	
of singular and plural, e.g. in line 2 of page 5 "	
the nanoparticles assumes a well-ordered cubic	
shapes". There are also many superfluous or	
missing punctuation marks and poorly	
structured sentences. The poor language use	
can lead to incomprehensible statements (e.g.	
in line 7 or the Introduction: ", and high	
freedom for the volume change"). There are	
also a lot of sentences that do not contribute	
information, and should be taken out (e.g. the	
last sentence of the Abstract).	
Figure 1 caption: there should not be any	Rectified
indent in the first line.	
First seen in Line 7 of 2.1, but recurring many	Changed and corrected
times throughout the paper, including in the	
equations: All variables like N, V, U, r, i, j, A, C,	
k, etc. should always be written in italics.	
Line 7 in 2.1. Why is the type of the most of	The energified thermostatic evaluined in the
Line 7 in 2.1: Why is the type of thermostat	The specified thermostat is explained in the
specified? This work is a compilation of	text.
computational simulations, each specifically	
carried out under constant temperature	
conditions. If the type and characteristics of the	
thermostat affect the calculation, then it should	
be explained why. Otherwise that sentence can	
presumably be left out.	
11 40 0 4 141 1	(A) D' D
Line 10 in 2.1: What is an "NP"? This acronym	"NP" Removed
should be defined.	
Enverting 4 2 0 2. The constitution for the first	The amounting four size above adversarial to
Equations 1, 2 & 3: The equation font size is too	The equation font size changed accordingly.
large. The font size should correspond to the	
rest of the text.	
Lockling of 2.2.2. What is the Water Matter of	Dankwasad
Last line of 2.2.3: What is the "simulation of	Rephrased
bulk and surfaces"? Presumably needs to be	
rephrased?	

Lines 9-14 of 3.1: This is very cumbersome, and the text should never blandly repeat what is already illustrated in the graphs. This set of sentences should be restructured. Perhaps consider adding a column or two in Table 1 where all this information can be displayed more orderly.	Changed the paragraph
Same section as in previous point, and Fig 2: I am really not convinced of the evidence from the graph for energy changes below 1200 K. If a case can be made then this should be backed by further argumentation. Otherwise one can perhaps mention that there might be these features in the graphs, but that further calculations are necessary to confirm or refute these.	Paragraph was changed and explained differently
Section 3.2, paragraph 1: This section needs to be reworked to make it clearer and to the point. For example, to say that something "has a well-defined structure" is very vague. In a similar vein, convoluted phrases such as "suggestive of the liquid phase" or "temperatures leading to the melting" should be avoided in scientific writing. Same for "arrangement of atoms vanish" in the following paragraph.	Reworked the whole paragraph
Page 5: The line spacing in paragraph 2 of 3.2 and the Conclusion must be the same as for the other sections. All references must be spaced equally.	Changed accordingly
References: There are formatting inconsistencies. [5] must include an "and" before the last author, and no commas after that. The journal name in [15] must be in italics. In [18] there is an ":" that should be removed, and the last letters of the journal name must be in italics.	Changed accordingly