*Abstract Review*

**Reviewer: Andreas F Vermeulen**

**Paper Author: Chris Hillman**

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| **Research Question** |
| Does the abstract clearly articulate the author’s PhD research question?  Yes, It gives a clear articulation of the question. |

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| **Clarity** |
| Does the abstract provide a clear overview of what the author will do/has done in order to answer the research question?  Yes, the paper gives a clear overview of the research the author is performing. |

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| **Research Contribution** |
| Does the research described provide a novel contribution to research in the author’s field?  Yes, the research will contribute to the progression of the research in the field. |

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| **Context** |
| Does the abstract cite relevant research?  Yes, it cite seven other pieces of work that is relevant to the research. |

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| **Format** |
| Is the abstract correctly formatted as per the guidelines?  The format is following the general guidelines but the document overruns the two page limit. |

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| **Other Comments**  The research is an advantage to the field of life sciences. The more effective the processing we can do on the area the quicker we will understand the impact of the work on the field.  I have been following your research over the last years. I am interested see the end results of this research.  Best of Luck with your research.  Can I also ask why GPU or FPGA are not included in the research? I am asking n the grounds that my own research is into using GPU or FPGA to process massive parallel processing. Would be interested in discussing the use of GPU or FPGA against the data set. |