

Interactive comment on “Earth System Modelling on System-level Heterogeneous Architectures: EMAC (version 2.42) on the Dynamical Exascale Entry Platform (DEEP)” by M. Christou et al.

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Dear Editor,

We would like to thank the referees for their careful reading of our manuscript, gmd-2015-262, " Earth System Modelling on System-level Heterogeneous Architectures: EMAC (version 2.42) on the Dynamical Exascale Entry Platform (DEEP)".

We are most grateful for the comments, constructive criticism and very useful suggestions received on how to improve the paper.

Please find attached our detailed answers to the questions and a new version of the paper, which we hope satisfactorily address the points raised during the discussion.

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In particular, we have extensively expanded the description of code refactoring, implementation and technical developments.

Please also note the supplement to this comment:

<http://www.geosci-model-dev-discuss.net/gmd-2015-262/gmd-2015-262-AC1-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2015-262, 2016.