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July 14, 2013

Drs Chunlei Liang, Krzysztof Fidkowski, Per-Olof Persson, and Peter Vincent
Computers and Fluids Co-guest editors
Special Issue:12th USNCCM

Dear Dr. Liang, Dr. Fidkowski, Dr. Persson, and Dr Vincent.,

Please find enclosed our manuscript,

Jesse Chan, Leszek Demkowicz, Robert Moser
A DPG method for steady viscous compressible flow,

which we would like to submit for publication as an original research article in the 12th USNCCM special issue of Computers and Fluids. We believe this is the first report describing the application of the Discontinuous Petrov-Galerkin method of Demkowicz and Gopalakrishnan to the higher order adaptive solution of problems with shocks and boundary layers in viscous compressible flow. The method and results of this paper have been accepted for presentation at the minisymposium on *Higher order methods for CFD* at the 12th USNCCM conference, and we believe that the method and results discussed in this manuscript would appeal to the readership of Computers and Fluids.

All authors have approved the manuscript and agree with its submission, and we confirm that this manuscript has not been published elsewhere and is not under consideration by another journal. We look forward to hearing from you at your earliest convenience.

Best regards

Jesse Chan, John A. Evans