201 East 24th St, Stop C0200
Austin, Texas 78712-1229

June 25, 2013

Dr Jan S. Hesthaven
SIAM J. Sci. Comp. Section Editor
Methods and Algorithms for Scientific Computing

Dear Dr Hesthaven,

Please find enclosed our manuscript,

Jesse Chan, John A. Evans
A minimum-residual finite element method for the convection-diffusion equation,

which we would like to submit for publication as an original research article in the SIAM Journal on Scientific Computing. We believe this is the first report describing a successful application of the dual-least squares methodology behind the Discontinuous Petrov-Galerkin method of Demkowicz and Gopalakrishnan to a continuous higher-order adaptive discretization of the convection-diffusion equations in both the convective and diffusive limit. We believe that the method and results discussed in this manuscript would appeal to the readership of SIAM Journal on Scientific Computing.

All authors have approved the manuscript and agree with its submission to SIAM Journal on Scientific Computing, 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