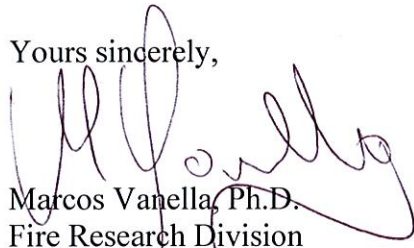


Editor
Fire Safety Journal

We appreciate the opportunity to submit "Backdraft Experiments and Large Eddy Simulations in a Scaled Compartment" (EasyChair paper number 269) to the special issue of the *Fire Safety Journal* for your review. In this study, The Fire Dynamics Simulator with fast chemistry is exercised on some of these backdraft scenarios. The Initial conditions for computer fire models are defined from an extensive dataset of backdraft experiments performed at NIST. The fuels used include methane and propane at different fire sizes. For mix-controlled fast reactions, ignition model temperature threshold and ignition procedure are found to play a primary role in backdraft outcomes. The manuscript has also not been submitted to any other journal for review. All authors have reviewed the paper in full. We present the manuscript now for your consideration and look forward to your review.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'M. Vanella', is written over the typed name and contact information.

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