

Conor McCoy – Biography

Conor McCoy is a third year PhD student in mechanical engineering at the University of Maryland, College Park. His current work concerns parametrizing bench-scale fire tests to model them in a numerical pyrolysis solver, ThermaKin, to provide fast and accurate predictions. This analysis has been extended to the cone calorimeter test as well as the UL-94 vertical burning test. He has previously conducted research on refrigerant flammability for his Master's degree and on large-scale fire whirls for an internship with Sandia National Laboratories. His research interests include polymer flammability, flame spread, and experimental design. Conor hopes to work for a national laboratory after graduating.

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