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Dr Poh Hee Joo is a Research Scientist in the Fluid Dynamic Department, Institute of High Performance Computing (IHPC). He obtained his PhD (Mechanical Engineering) from the National University of Singapore (NUS) in 2009. He is lecturer for BCA Green Mark Professional course module for Computational Fluid Dynamics (CFD) Airflow Modeling for Green Buildings, and also Adjunct Assistant Professor to NUS Mechanical Department. He has over 12 years of experience in CFD research and consultancy jobs. His research work includes various CFD application areas such as computational HVAC, fuel cell dynamics, and fire simulation. He has published more than 10 journal papers and 30 conference papers.