

Download Turbulent Combustion Modeling Advances New Trends And Perspectives

Research director at Institut de Mecanique des Fluides de Toulouse (CNRS).; Head of PSC (Particles, Spray, Combustion) team at IMFT Scientific advisor for the Computational Fluid Dynamics group at CERFACS (Center for Research and Formation for Advanced Scientific Computations, Toulouse) : ; Editor in Chief of Combustion and Flame (with Pr Egolfopoulos, USC).Alternative transportation fuels, preferably from renewable sources, include alcohols with up to five or even more carbon atoms. They are considered promising because they can be derived from biological matter via established and new processes.1. Introduction. Modern compression-ignition engines aim towards fuel lean, low-temperature combustion (LTC) in order to reduce soot and NOx emissions .In direct injection engines, the fuel is supplied into the engine cylinder by a high-pressure injection system.Please select whether you prefer to view the MDPI pages with a view tailored for mobile displays or to view the MDPI pages in the normal scrollable desktop version ...