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**Tiegang Fang** is a professor and a University Faculty Scholar in the Mechanical and Aerospace Engineering Department at NC State University. He earned his BE degree from the Automotive Engineering Department with a minor from the Computer Science and Technology Department at Tsinghua University (Beijing). Before receiving his PhD from the University of Illinois at Urbana, he obtained his MS degree from the Mechanical and Aerospace Engineering department at Rutgers University. His research interests include internal combustion engines, low carbon fuels, engine combustion, liquid atomization and spray, and optical diagnostics. He has published more than 150 journal papers. He received the 2013 Alcoa Foundation Engineering Research Achievement Award from the College of Engineering at NC State University, the Ralph R. Teetor Educational Award from SAE International in 2014, and was elected to a University Faculty Scholar at NC State in 2020. He is a member of ASME, the Combustion Institute, SAE, and the Institute for Liquid Atomization and Spray Systems (ILASS). He currently serves as an associate editor for the ASME Journal of Engineering for Gas Turbines and Power.