

Dr. Hatsari Mitsudharmadi



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Staff Bio:

Dr. Mitsudharmadi joined Electro-Mechanical Systems Engineering Technology of Abu Dhabi Polytechnic on August 2019 as an Assistant Professor. The core expertise of Dr. Mitsudharmadi is conducting research study in experimental fluid mechanics/aerodynamics fields by means of hot-wire anemometry, Particle Image Velocimetry (PIV), Phase Doppler Interferometer (PDI), and flow visualisation techniques which include the use of Pressure Sensitive Paint (PSP) system, smoke-wire, helium bubble and Schlieren Photography. His previous affiliations include Mercuri Buana University where he worked as a Lecturer for 6 years after which he decided to pursue his master and doctorate degrees in National University of Singapore. After finishing his PhD degree, he joined Temasek Laboratories where he worked as a Research Scientist in the Aerospace Department for 8 years. Thereafter, Dr. Mitsudharmadi joined King Abdullah University of Science and Technology as Research Specialist in Clean Combustion Research Centre for 5 years. His work has led to 17 publications in International Journal and more than 30 conference proceedings.