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B.Sc. from Cairo University (1970), M.Eng. and Ph.D. from McMaster University, Canada (1978). With Pratt & Whitney Canada (P&WC) from 1978 to 2010, Dr. Moustapha was Senior Manager of Technology, Collaboration and Technical Training Programs for P&WC from 1999 to 2009 and was named P&WC Senior Research Fellow in 2011. Joined ÉTS in 2010 as Professor and Director of Aerospace Programs (AEROÉTS).

Dr. Moustapha is the Canadian industry and academic member of NATO's Aviation Technology since 2000. He is Adjunct Professor at McGill and Carleton Universities (Canada), and a Distinguished Visiting Professor at Embry-Riddle Aeronautical University (U.S.A.). He is the President of the Ambassador Club of the Montréal Congress Center. Dr. Moustapha is the founder and cofounder of the Montreal Aerospace Institute (MAI, 2001), the Consortium for Research and Innovation in Aerospace in Québec (CRIAQ, 2002), Aero Montreal Cluster (2005), the Green Aviation Research and Development Network (GARDN, 2007), AEROETS (2010), Aerospace 4.0 (2016) and Innovation 4.0 Network of eight Canadian universities (2019). He recently championed the creation of the Egyptian Smart Universities Network, between the four new national universities and is acting as a technology advisor for the Chairman of the Arab Organisation of Industrialisation. He is a keynote speaker at various international conferences and forums on aviation, technologies of aircraft engines, and the various technology and skills challenges of the fourth and fifth industrial revolution "Industry 4.0/5.0".

He is the author and co-author of over 100 publications and two books on gas turbines and the recipient of over 30 national and international awards, including the following: ISABE 2022 Collaboration Award, Québec most prestigious Chevalier de l'Ordre National (2013), Montreal Inspiration and Research Award for top five aviation experts (2013), etc.