

CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

MASTER'S THESIS EXAMINATION

CANDIDATE: *Zachary Huffman*
Bachelor of Engineering, Carleton University, 2021

DATE: *Thursday August 31, 2023, 10:00 Video Conference*

THESIS TITLE: *Derivation of an Empirical Model to Estimate the Power Spectral Density of Turbulent Flow Wall Pressure Fluctuations Using Machine Learning Regression Techniques*

EXAMINATION BOARD:

Member of Joint Institute	James McDonald, Mechanical Engineering - University of Ottawa	(Video Conference)
Member of Department	Hamza Abo El Ella, Mechanical & Aerospace Engineering	(Video Conference)
Thesis Supervisor	Joana Torres Da Rocha, Mechanical & Aerospace Engineering	(Video Conference)
Chair of Defence	Xiao Huang, Mechanical & Aerospace Engineering	(Video Conference)
Chair/Director of Department or Designate	Ron Miller	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Dean, Faculty of Graduate and Postdoctoral Affairs	Patrice Smith	(Ex-officio)