

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
PhD Comprehensive Exam and Thesis Proposal Defense

CANDIDATE: Fatemeh Mohammad Zamani

DATE: Thursday, April 9, 2026, 12:00 p.m. Room 3324, Mackenzie Building

THESIS TITLE: **Output Observer-Based Lyapunov MPC for Attitude Tracking of UAVs using Prescribed Performance Approach.**

EXAMINATION BOARD:

Member of Department F. Khouli, Dept. of Mechanical & Aerospace Engineering

Member of Department J. Liu, Dept. of Mechanical & Aerospace Engineering

Co-Supervisor C. Shen, Dept. of Systems & Computer Engineering

Thesis Supervisor H. Mohamed, Dept. of Mechanical & Aerospace Engineering

Chair of Department E. Matida, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

Dean of Faculty L. Kostiuk, Dean, Faculty of Engineering (*Ex-officio*)

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