

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

Chair of Defence M. El Sayed, Dept. of Mechanical & Aerospace 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)

Dean, Faculty of Graduate & Postdoctoral Affairs D. Siddiqi, Vice Provost Graduate Studies and Research (Ex-officio)

Abu Kabir Associate Chair, Graduate
Department of Mechanical & Aerospace Engineering

