

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

CANDIDATE: Ali Ahmadi

DATE: Tuesday August 25, 2026, 1:30 p.m. Room 3324, Mackenzie Building

THESIS TITLE: **AI-Enabled Structural Health Monitoring of Hybrid Materials Under Fatigue Loading**

EXAMINATION BOARD:

Member of Department Hashim Mohamed, Dept. of Mechanical & Aerospace Engineering

Member of Department X. Wang, Dept. of Mechanical & Aerospace Engineering

Chair of Defence I. Garces, Dept. of Mechanical & Aerospace Engineering

Thesis Supervisor M. El Sayed, Dept. of Mechanical & Aerospace Engineering

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

Dean of Faculty R. Miller, 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