

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

CANDIDATE: Zachary Milani

DATE: Friday August 21, 2026, 1:00 p.m. Room 3324, Mackenzie Building

THESIS TITLE: **Aircraft Icing and Lightning Hazards Investigated Through Airborne Measurements, Wind Tunnel Testing, Numerical Simulations, and Lightning Mapping**

EXAMINATION BOARD:

Member of Department	T. Kaya, Dept. of Mechanical & Aerospace Engineering
Member of Joint Institute	J. McDonald, Mechanical Engineering University of Ottawa
Chair of Defence	K. Taylor, Mechanical & Aerospace Engineering
Thesis Supervisor	E. Matida, Dept. of Mechanical & Aerospace Engineering
Chair of Department	E. Matida, Chair, Dept. of Mechanical & Aerospace Engineering (<i>Ex-officio</i>)
Dean of Faculty	R. Miller, Dean, Faculty of Engineering (<i>Ex-officio</i>)
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Mostafa El Sayed Associate Chair, Graduate
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