

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

Thesis Supervisor E. Matida, 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*)

Mostafa El Sayed Associate Chair, Graduate
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