CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

PH.D. THESIS EXAMINATION

CANDIDATE: *Zachary Milani*
Master of Applied Science, Carleton University, 2021
B. of Mechanical Engineering, Carleton University, 2018

DATE: *Friday November 27, 2026, 13:00 3324 Mackenzie/Video Conference*

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

EXAMINATION BOARD:

External Examiner	Jean-Pierre Hickey, Mechanical and Mechatronics Engineering	(In Person)
Internal Examiner	Thomas Walker, Civil & Environmental Engineering	(In Person)
Member of Joint Institute	James McDonald, Mechanical Engineerig - University of Ottawa	(In Person)
Member of Department	Tarik Kaya, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Edgar Matida, Mechanical & Aerospace Engineering	(In Person)
Thesis Co-Supervisor	Leonid Nichman, National Research Council of Canada	(In Person)
Thesis Co-Supervisor	Tim Patterson, Department of Earth Sciences	(In Person)
Chair/Director of Department or Designate	Edgar Matida	(Ex-officio)
Dean of Faculty	Ron Miller	(Ex-officio)
Vice-Provost, Graduate Studies	Nadeem Siddiqi	(Ex-officio)