

CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

MASTER'S THESIS EXAMINATION

CANDIDATE: *Jingchong Ning*

DATE: *Tuesday April 21, 2026, 10:30 4124 Mackenzie Building*

THESIS TITLE: *Numerical Analysis of the Influence of DBD Plasma Actuator on Supersonic Inlet Flow near Inlet Tip for Unstart Mitigation*

EXAMINATION BOARD:

Internal Examiner	Christopher Smelser, Department of Electronics	(In Person)
Member of Department	Hamza Abo El Ella, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Jason Etele, Mechanical & Aerospace Engineering	(In Person)
Chair of Defence	David MacPhee, Mechanical & Aerospace Engineering	(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)