CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

PH.D. THESIS EXAMINATION

CANDIDATE: *Courtney Savytska*

DATE: *Friday December 18, 2026, 9:00 Video Conference*

THESIS TITLE: *Fast Gaussian Process-Based Stochastic Model Predictive Control via Quadractic Convex Quadratic Programming with Application to Spacecraft Proximity Operations*

EXAMINATION BOARD:

External Examiner	Martina Mammarella, Italian National Research Council (CNR-IEIIT)	(Video Conference)
Internal Examiner	Sreeraman Rajan, Systems & Computer Engineering	(Video Conference)
Member of Joint Institute	Davide Spinello, Mechanical Engineering - Univresity of Ottawa	(Video Conference)
Member of Department	Nathaniel Mailhot, Mechanical & Aerospace Engineering	(Video Conference)
Thesis Supervisor	Steve Ulrich, Mechanical & Aerospace Engineering	(Video Conference)
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)